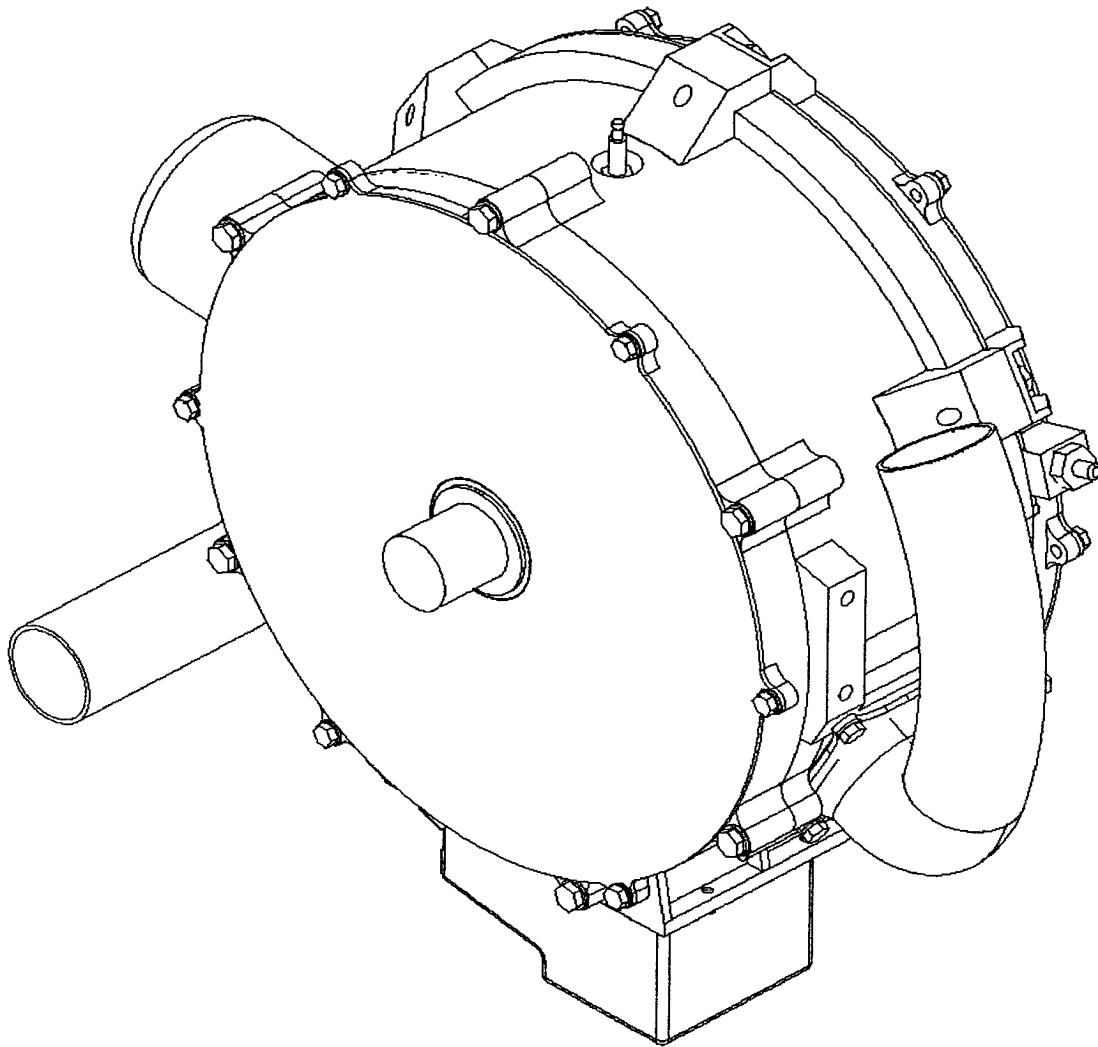


FRONT VIEW OF COMPLETE ROTARY ENGINE

FIG. 1a

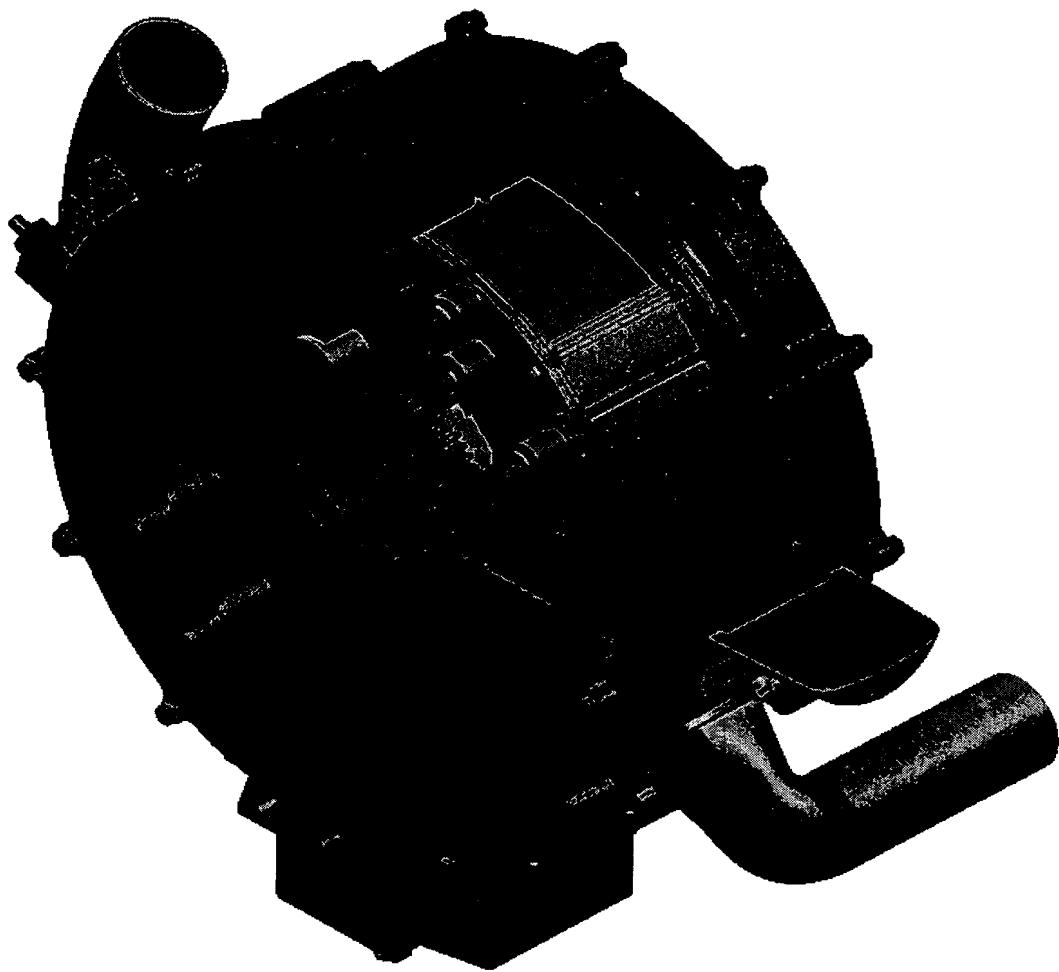
2/76



REAR VIEW OF COMPLETE ROTARY ENGINE

FIG. 1b

3/76



CUTAWAY VIEW OF ROTARY ENGINE

FIG. 2

ROTARY ENGINE PARTS LIST

4/76

ASSEMBLY	SUBASSEMBLY	PART	PART NO.
ROTOR ASSEMBLY			1000
	CHAMBER SUBASSEMBLY		1100
		CHAMBER SIDES FIXING BOLT & WASHER	1101
		PISTON PIN RETAINING RING	1102
		OIL BRIDGE	1103
		CIRCULAR SEAL	1104
		RIGHT HAND CHAMBER SIDE	1105
		CORNER SEAL	1106
		CORNER SEAL SPRING	1107
		PISTON	1108
		PISTON REAR SEAL	1109
		PISTON FRONT SEAL	1110
		PISTON SIDE SEAL	1111
		PISTON RR & FR SEAL SPRING	1112
		PISTON SIDE SEAL SPRING	1113
		LEFT HAND CHAMBER SIDE	1114
		TRANSVERSE SEAL	1115
		TRANSVERSE SEAL SPRING	1116
		PISTON PIN	1117
		PISTON ROD	1118
		PISTON ROD RETAINING RING	1119
		OIL FLOW LIMITER	1120
	PLANET GEAR SUBASSEBL		1200
		PLANET GEAR RETAINING RING	1201
		PLANET GEAR	1202
		PLANET GEAR SUPPORT LOCATOR PIN	1203
		PLANET GEAR SUPPORT	1204
		PLANET GEAR SUBASSY FIXING BOLT & WASHER	1205
	SHAFT SUBASSEMBLY		1300
		MAIN SHAFT	1301
		COTTER PIN	1302
		SLOTED NUT	1303
		WASHER	1304
		SPRING	1305
		LOCK TONGUE	1306
		LOCK LEVER	1307
		LUBRICATION HOLE OBTURATOR	1308
CASING ASSEMBLY			2000
		CASING	2101
		SPARK PLUG	2102
		OIL FILTER ADAPTER	2103
		OIL FILTER	2104
		EXHAUST GAS OUTLET	2105
		EXHAUST GAS OUTLET BOLT & WASHER	2106
		OIL TANK BOLT	2107
		OIL TANK STRAINER	2108
		OIL TANK	2109
		OIL DRAIN BOLT	2110
		AIR-FUEL MIXTURE INLET	2111
		AIR-FUEL MIXTURE INLET BOLT & WASHER	2112
LEFT HAND END COVER ASSEMBLY			3000
		OIL REFILL HOLE CAP	3101
		LH END COVER PLATE	3102
		PLATE TO END COVER FIXING BOLT & WASHER	3103
		END COVER TO CASING FIXING BOLT & WASHER	3104
		LH END COVER	3105
		OIL PRESSURE SENSOR	3106
		SUN GEAR	3107
		SUN GEAR BOLT & WASHER	3108
RIGHT HAND END COVER ASSEMBLY			4000
		RH END COVER PLATE	4101
		PLATE TO END COVER FIXING BOLT & WASHER	4102
		END COVER TO CASING FIXING BOLT & WASHER	4103
		RH END COVER	4104

TABLE -1

5/76

FIG. 3a

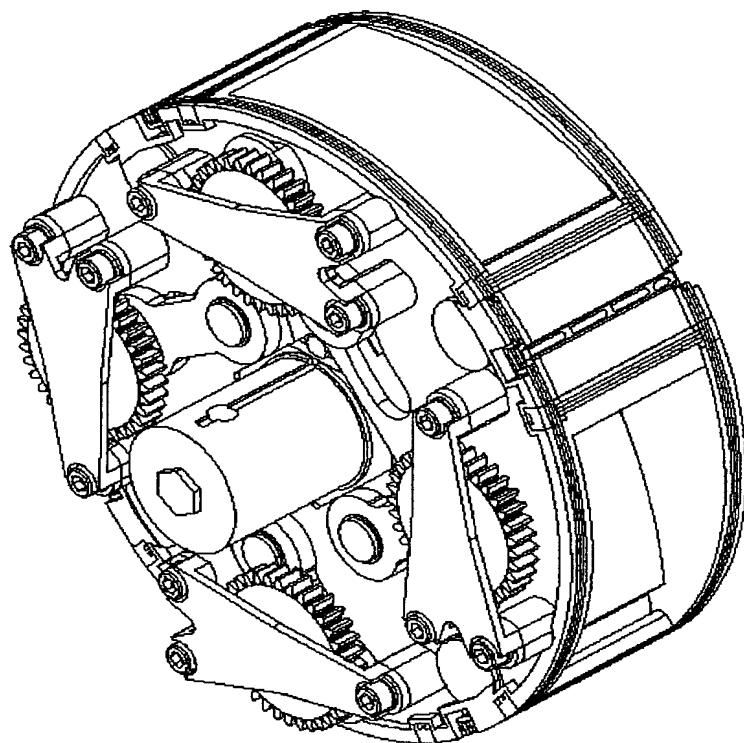
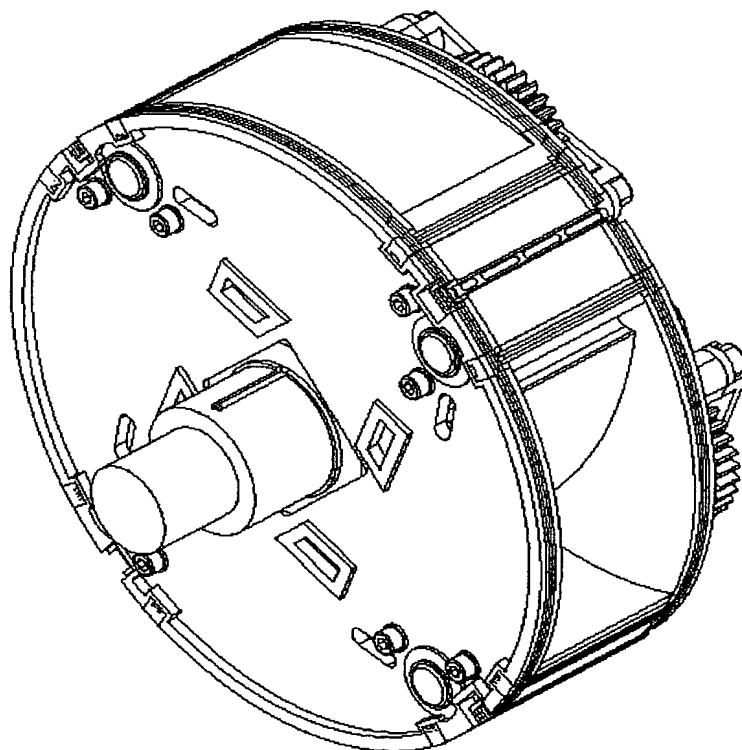
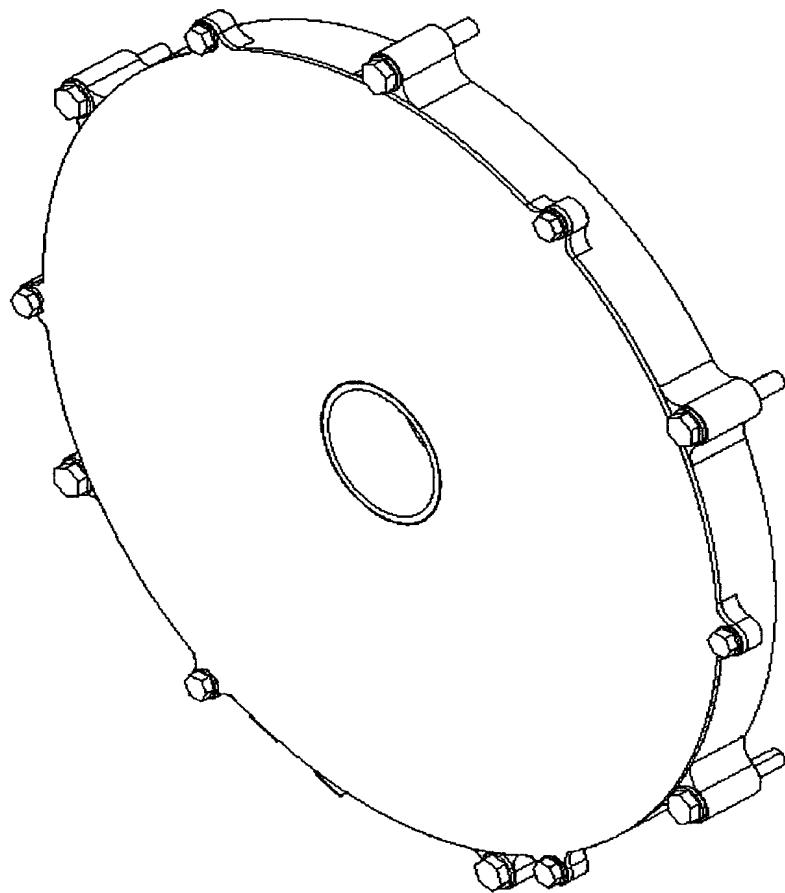


FIG. 3b

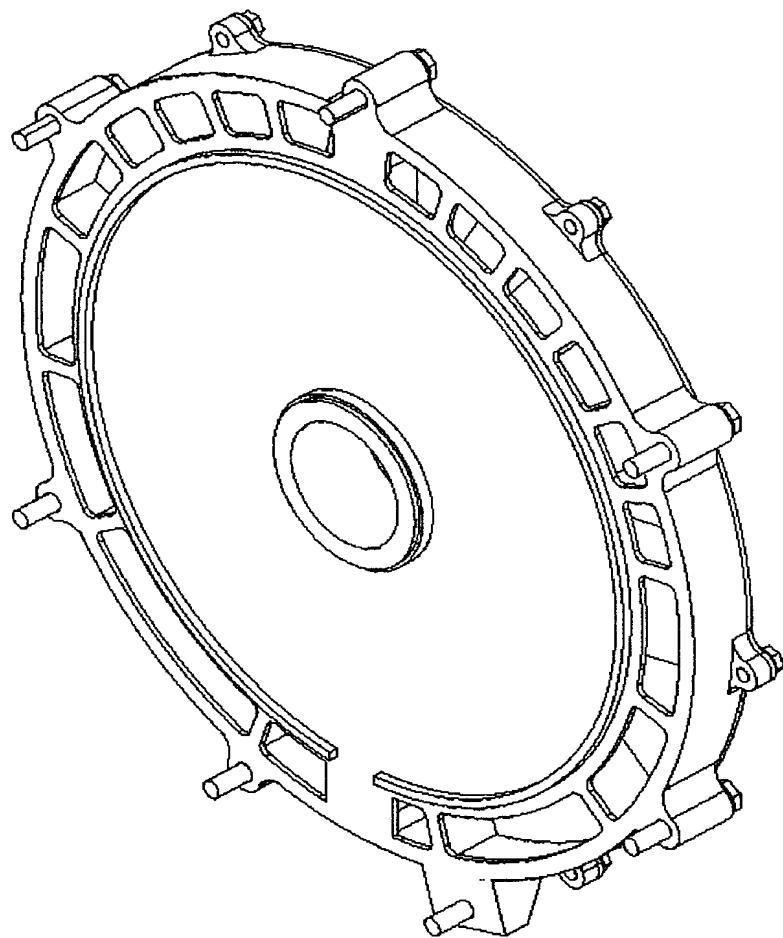


REAR AND FRONT VIEW OF ROTOR ASSEMBLY 1000



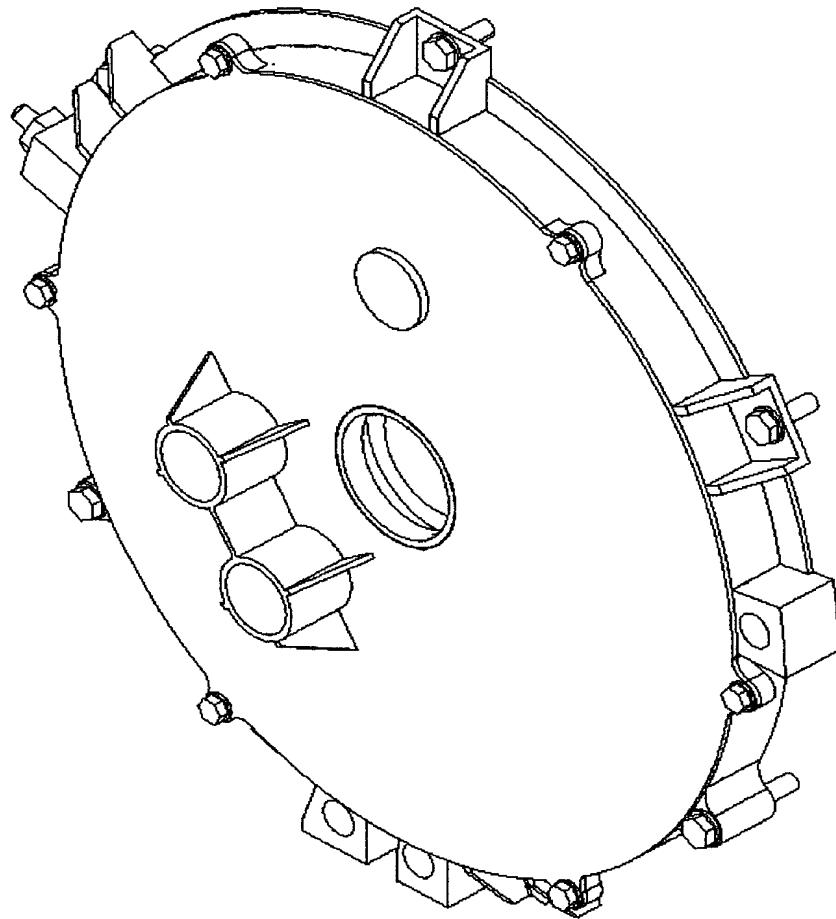
RIGHT HAND END COVER ASSEMBLY 4000

FIG. 4a



OTHER VIEW OF
RIGHT HAND END COVER ASSEMBLY 4000

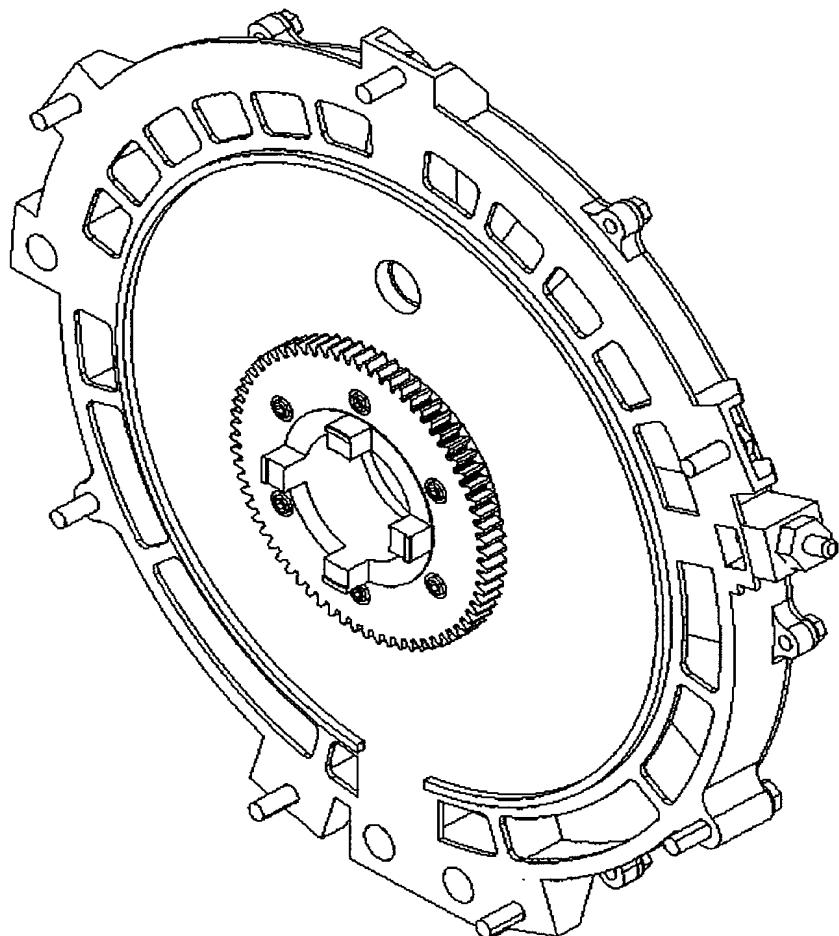
FIG. 4b



LEFT HAND END COVER ASSEMBLY 3000

FIG. 5a

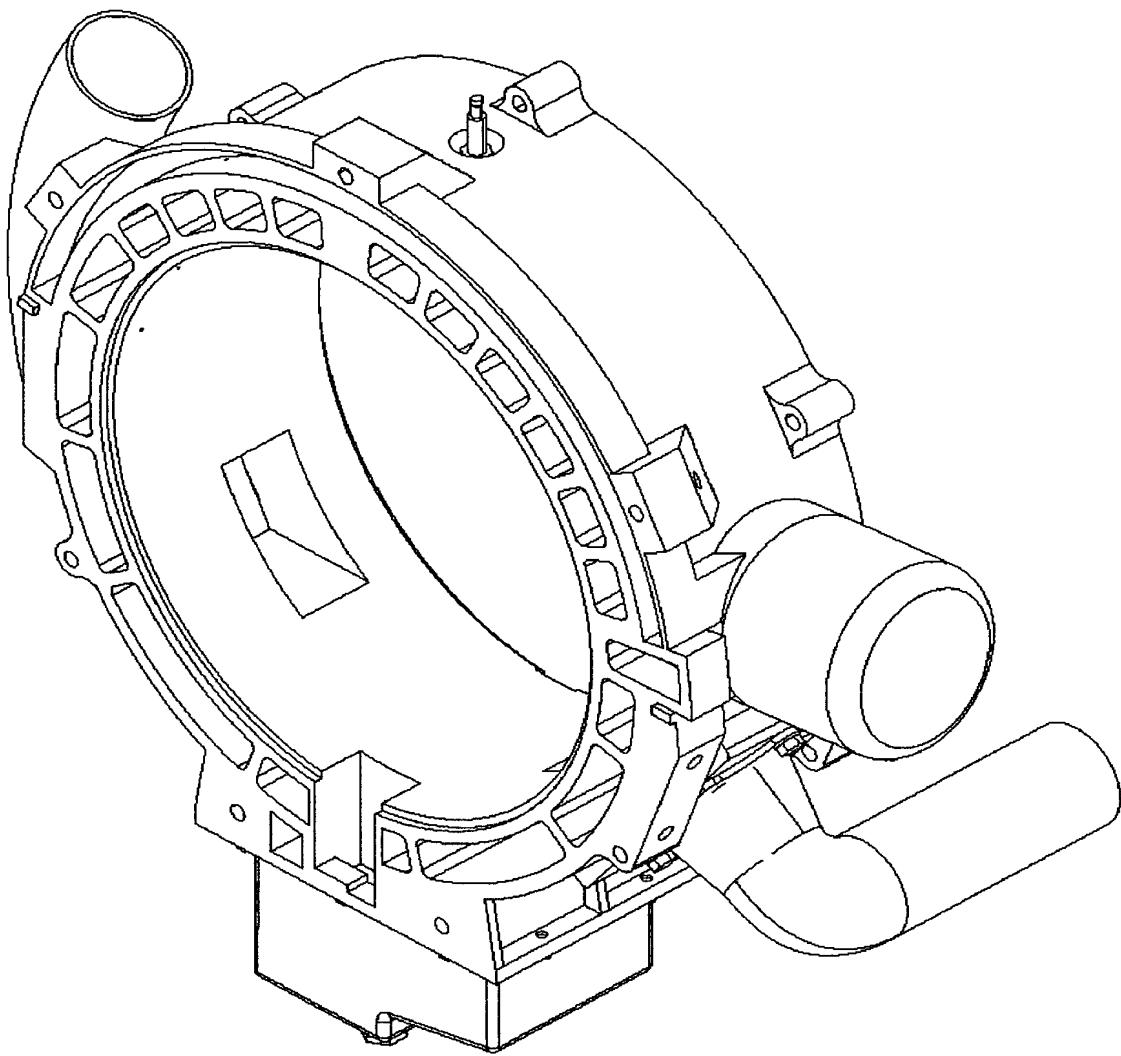
9/76



OTHER VIEW OF
LEFT HAND END COVER ASSEMBLY 3000

FIG. 5b

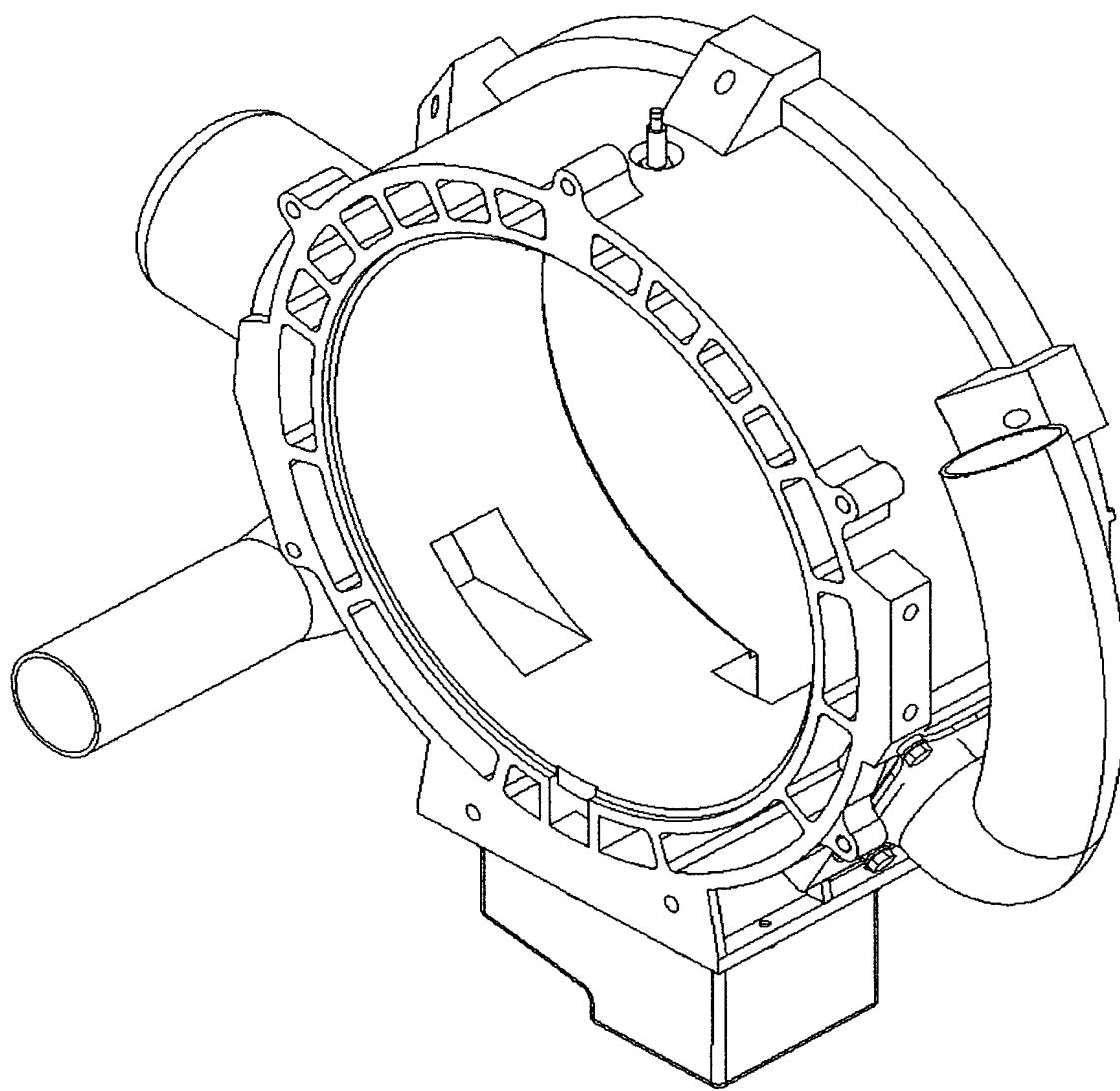
10/76



CASING ASSEMBLY 2000

FIG. 6a

11/76



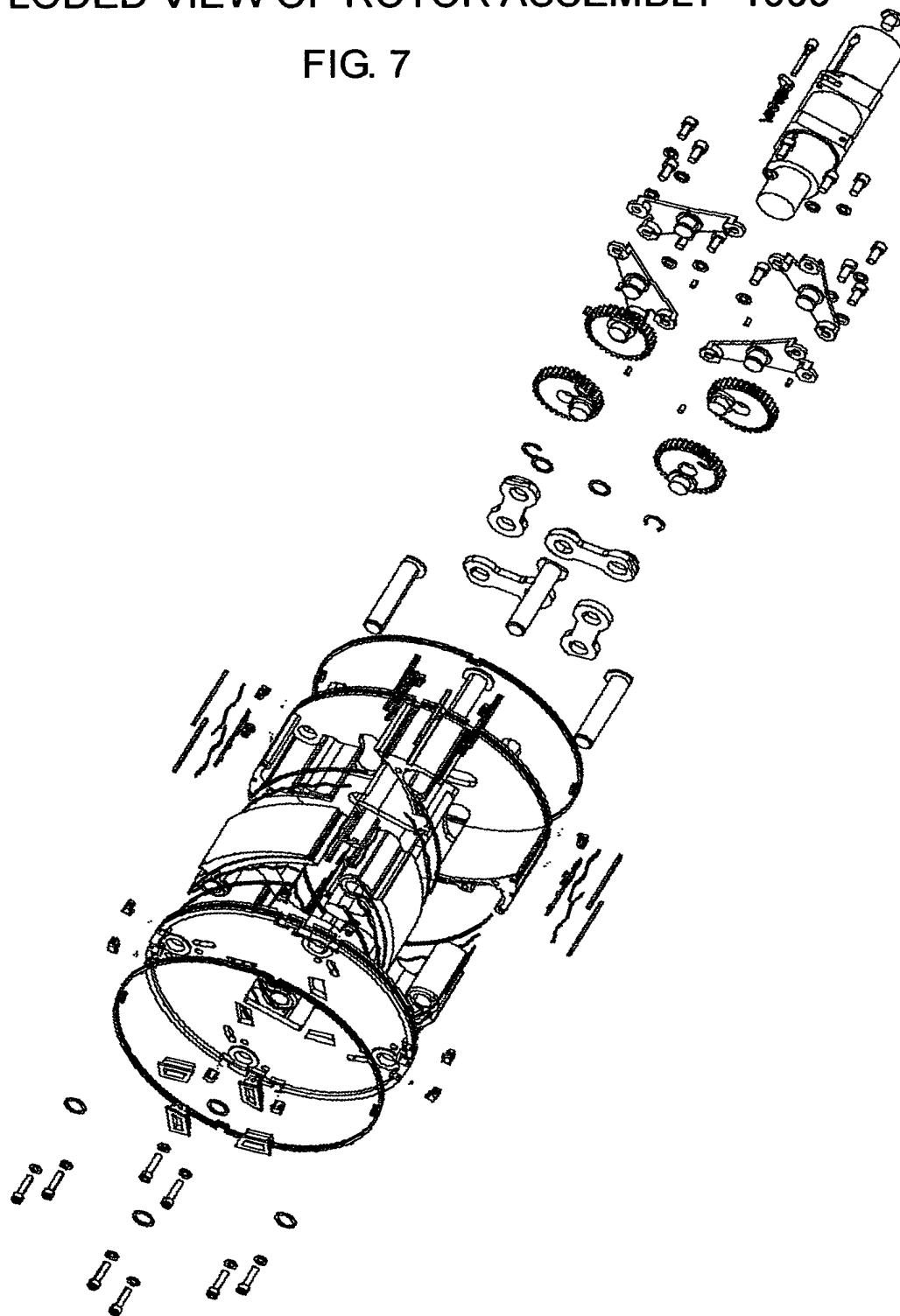
OTHER VIEW OF CASING ASSEMBLY 2000

FIG. 6b

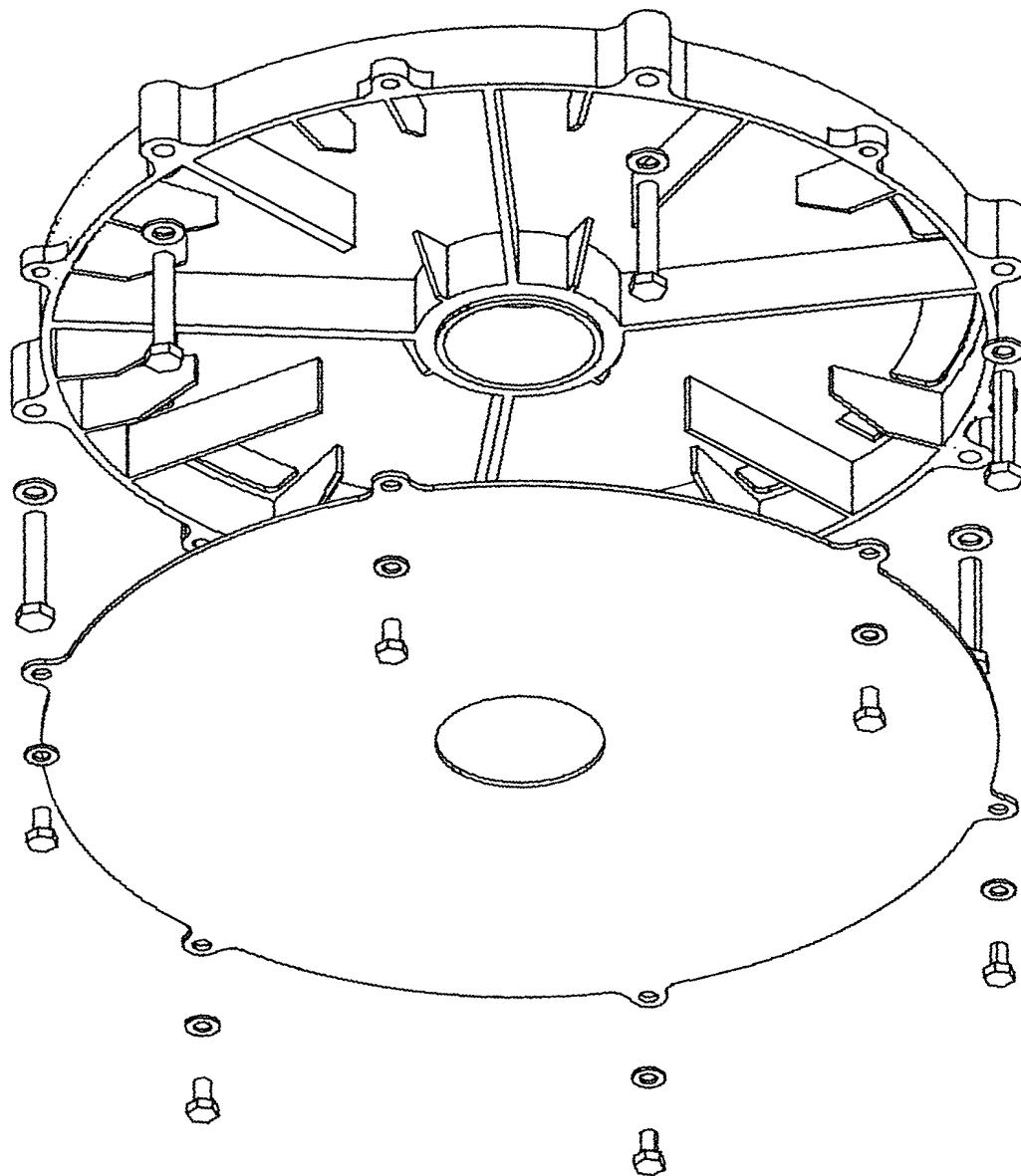
12/76

EXPLODED VIEW OF ROTOR ASSEMBLY 1000

FIG. 7



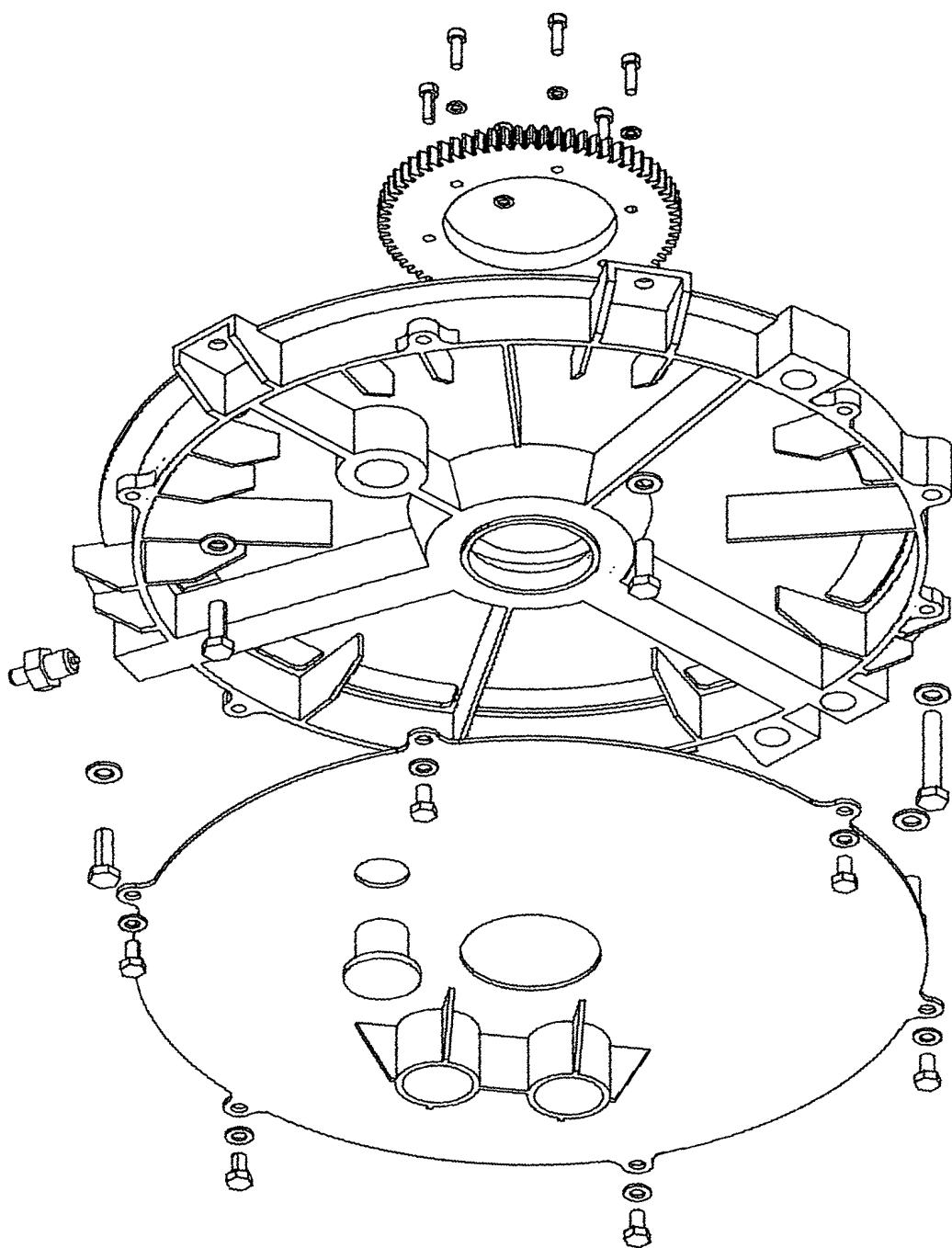
13/76



**EXPLODED VIEW OF
RH END COVER ASSEMBLY 4000**

FIG. 8

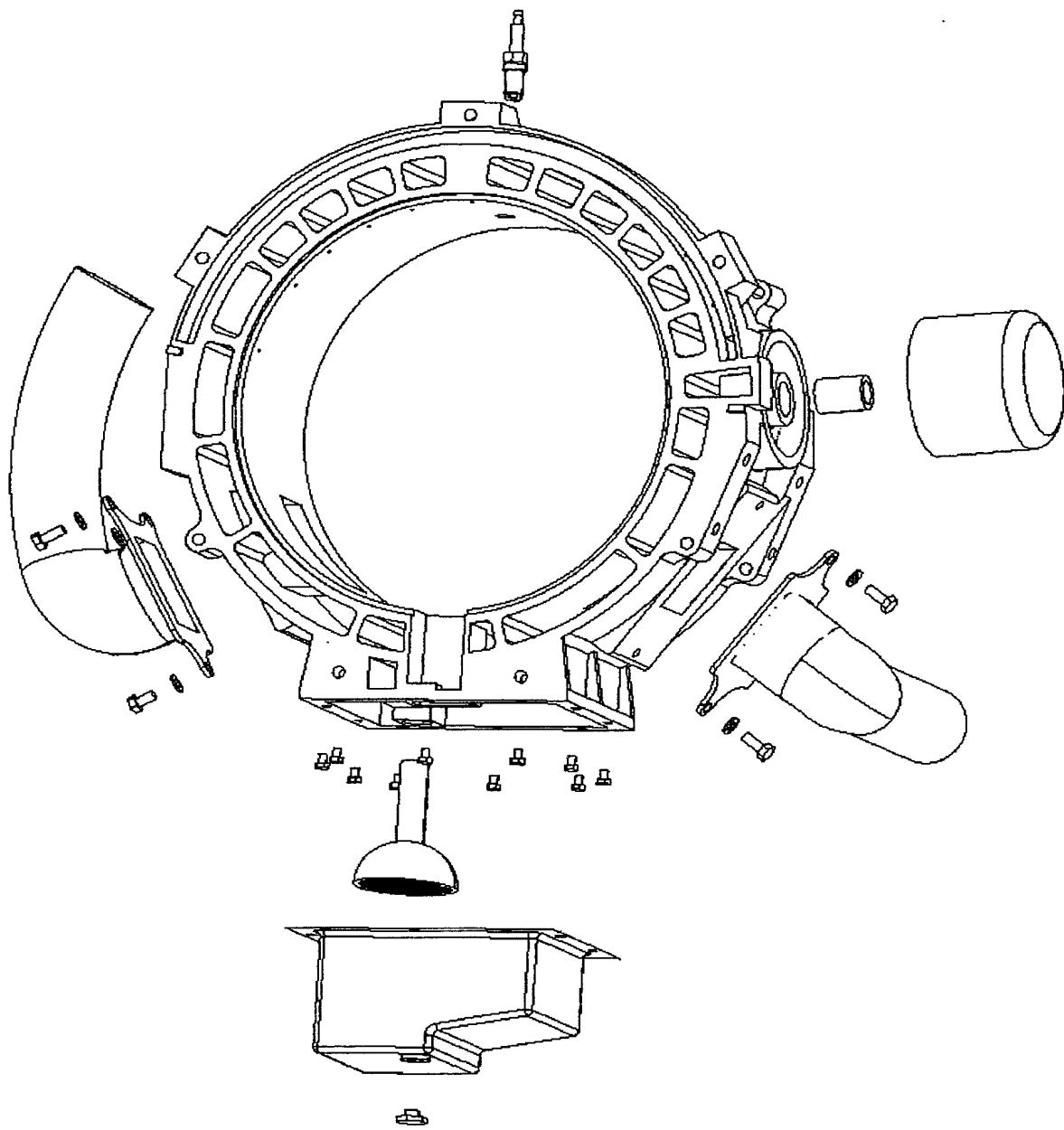
14/76



**EXPLODED VIEW OF
LH END COVER ASSEMBLY 3000**

FIG. 9

15/76



EXPLODED VIEW OF CASING ASSEMBLY 2000

FIG. 10

16/76

FIG. 11a

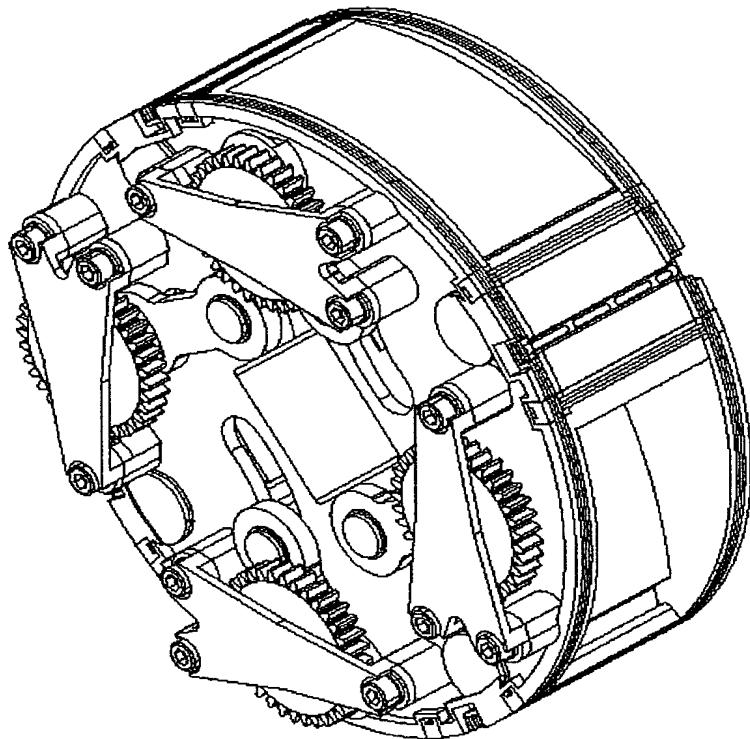
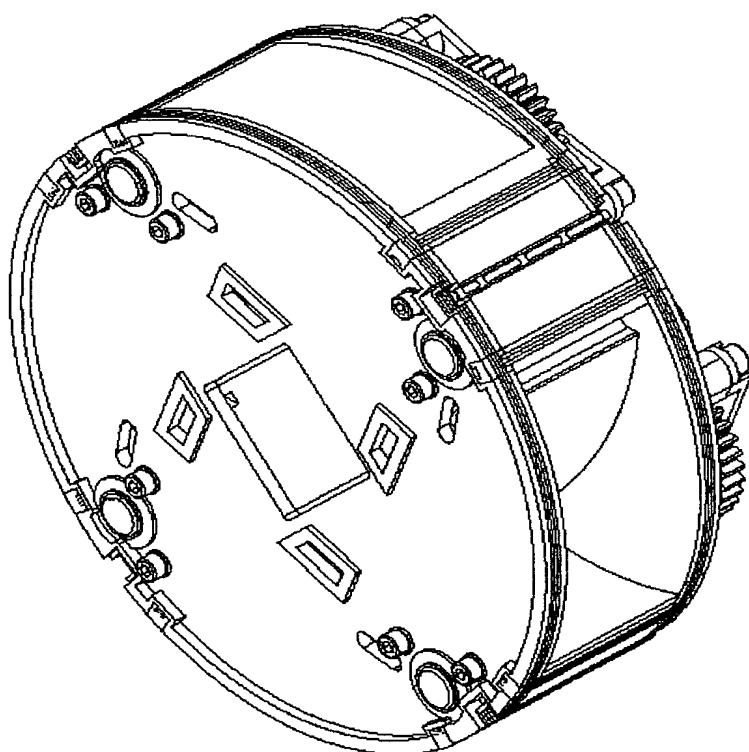


FIG. 11b



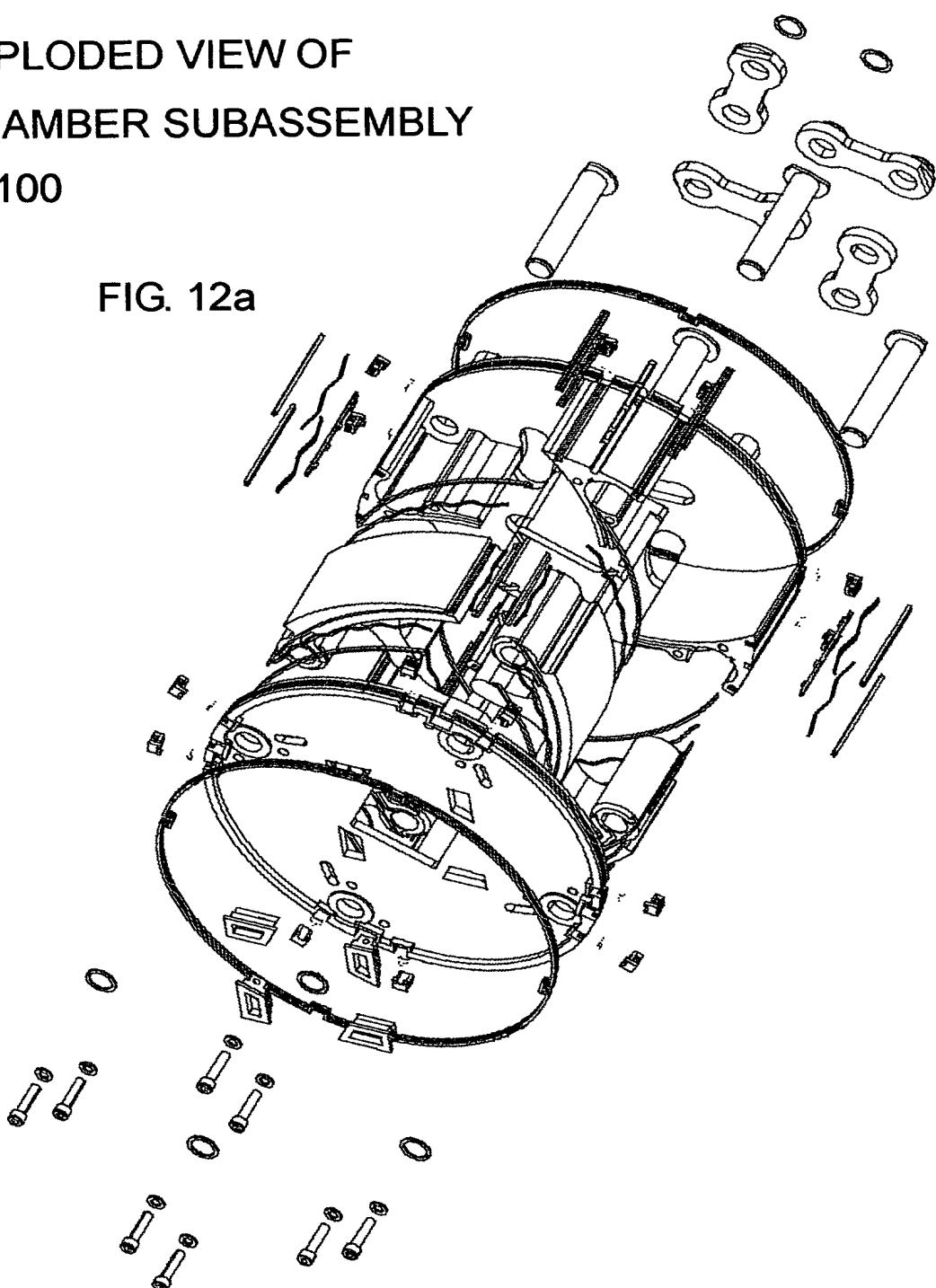
REAR AND FRONT VIEW OF
CHAMBER SUBASSEMBLY 1100

17/76

EXPLODED VIEW OF
CHAMBER SUBASSEMBLY

1100

FIG. 12a

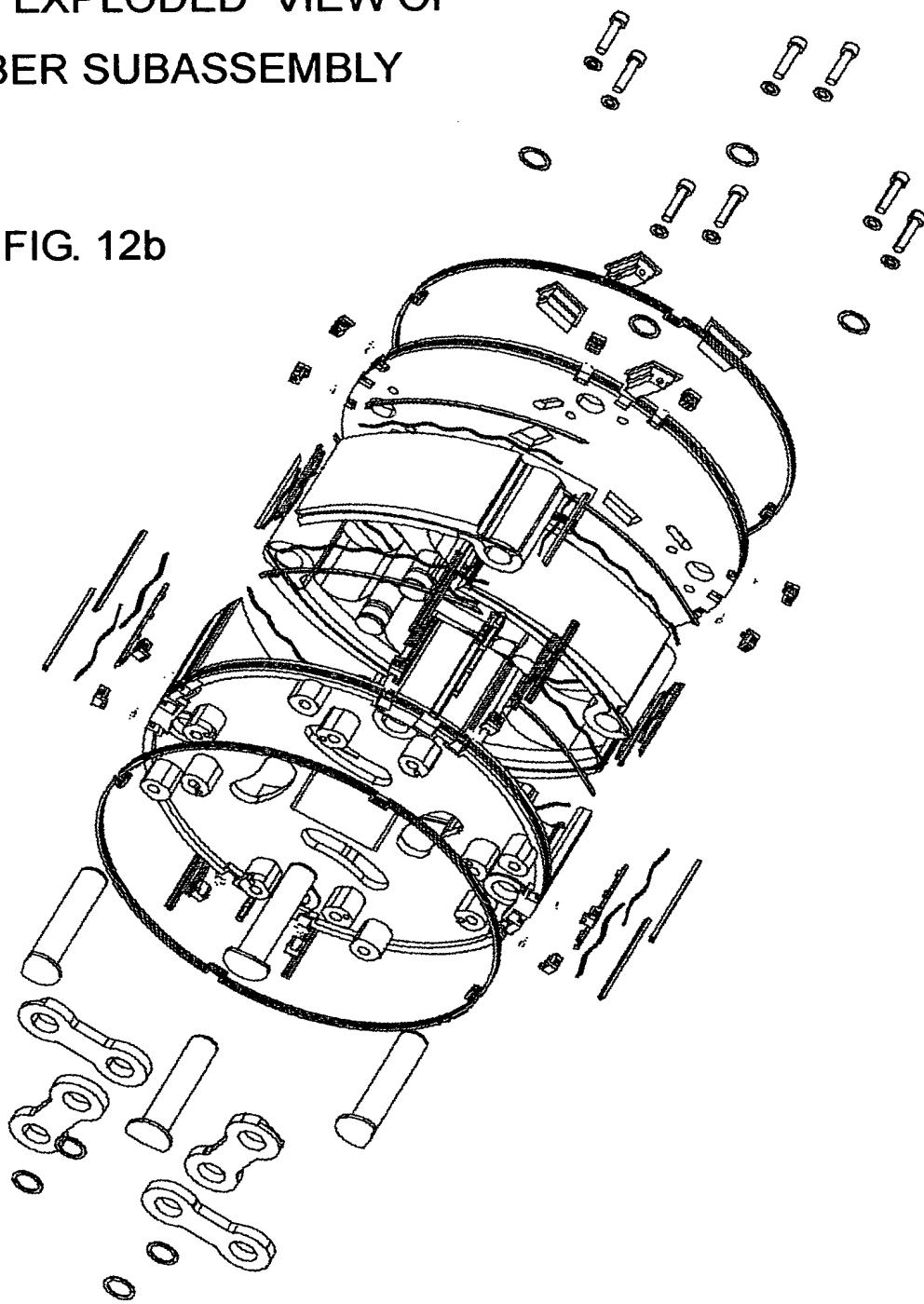


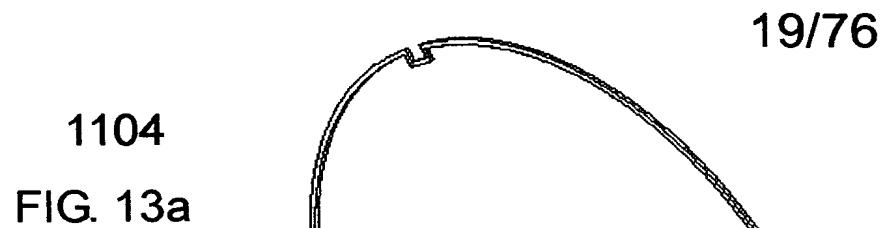
18/76

OTHER EXPLODED VIEW OF
CHAMBER SUBASSEMBLY

1100

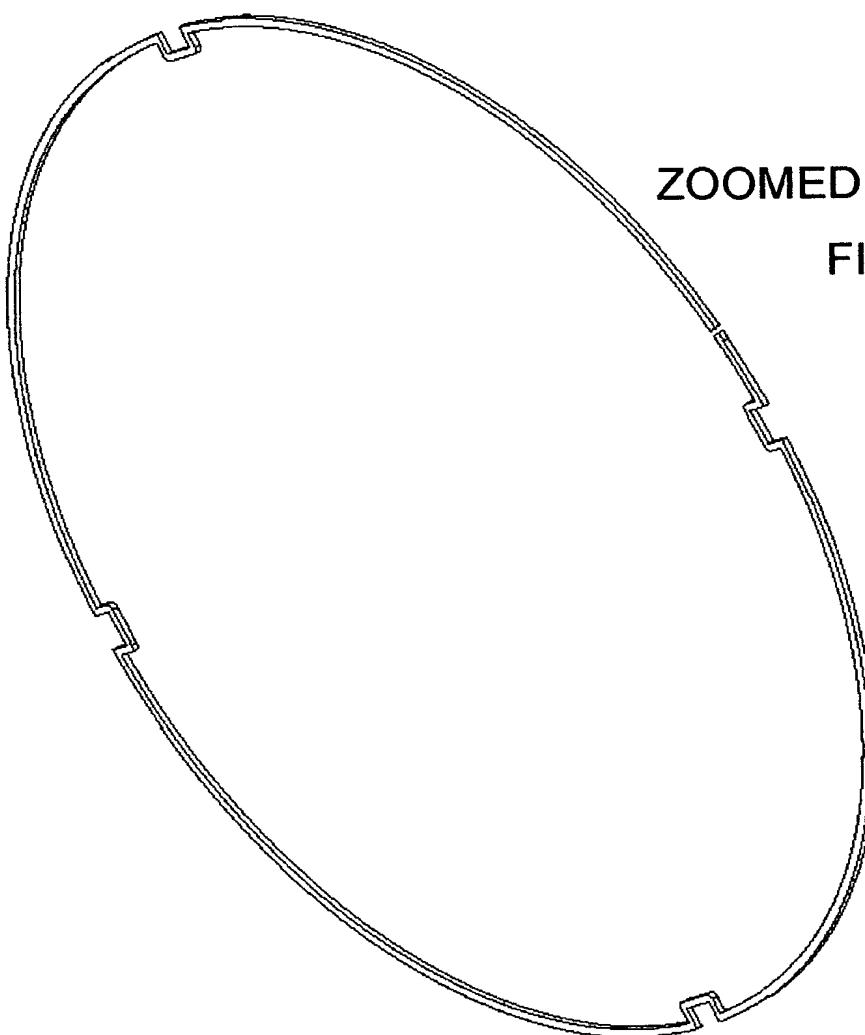
FIG. 12b





ZOOMED VIEW OF 1104

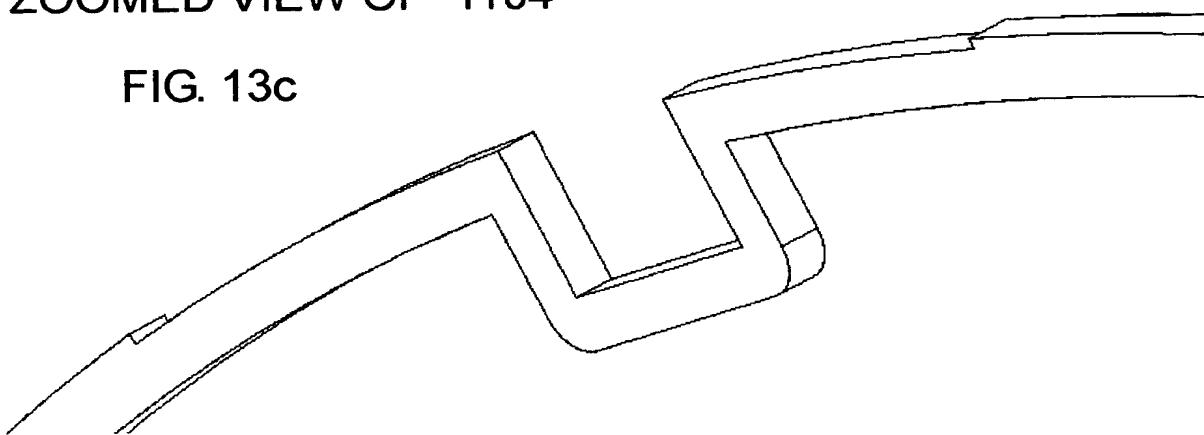
FIG. 13b



20/76

ZOOMED VIEW OF 1104

FIG. 13c



1003

FIG. 14a

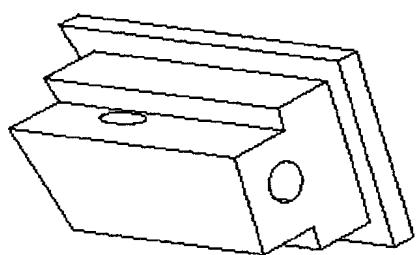


FIG. 14b

ZOOMED VIEWS OF 1003

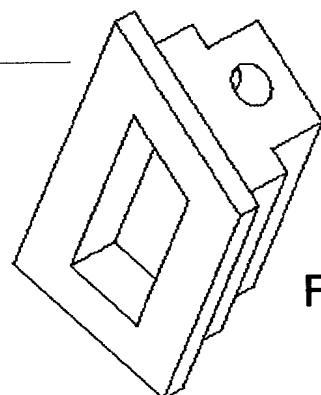


FIG. 14c

21/76

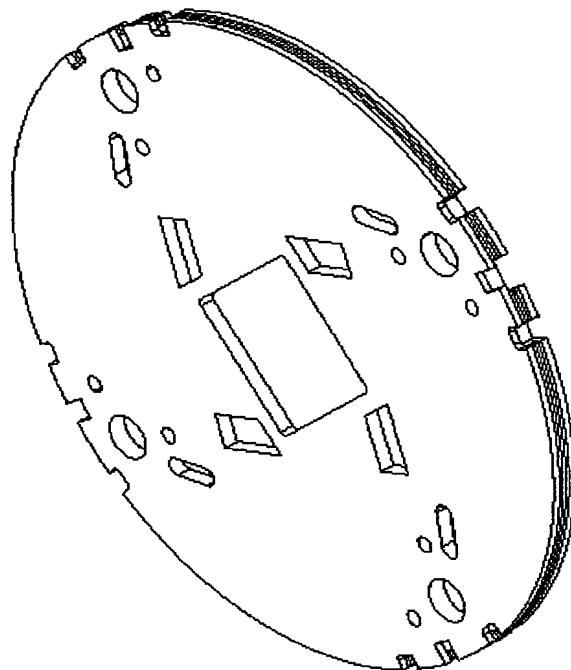


FIG. 15a

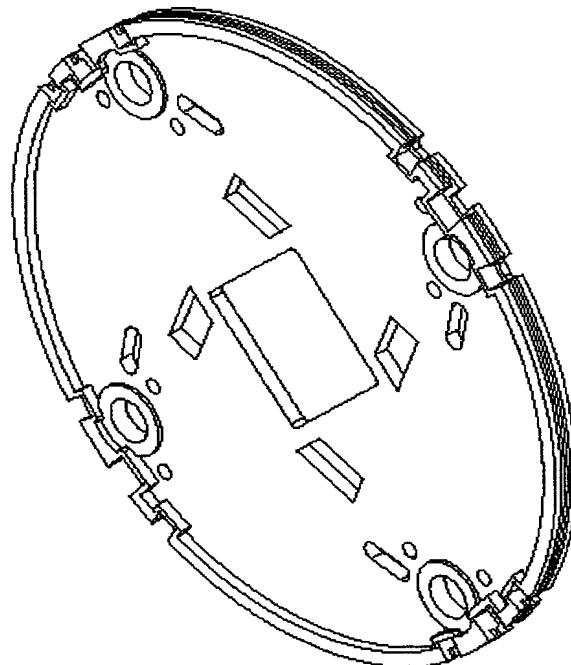


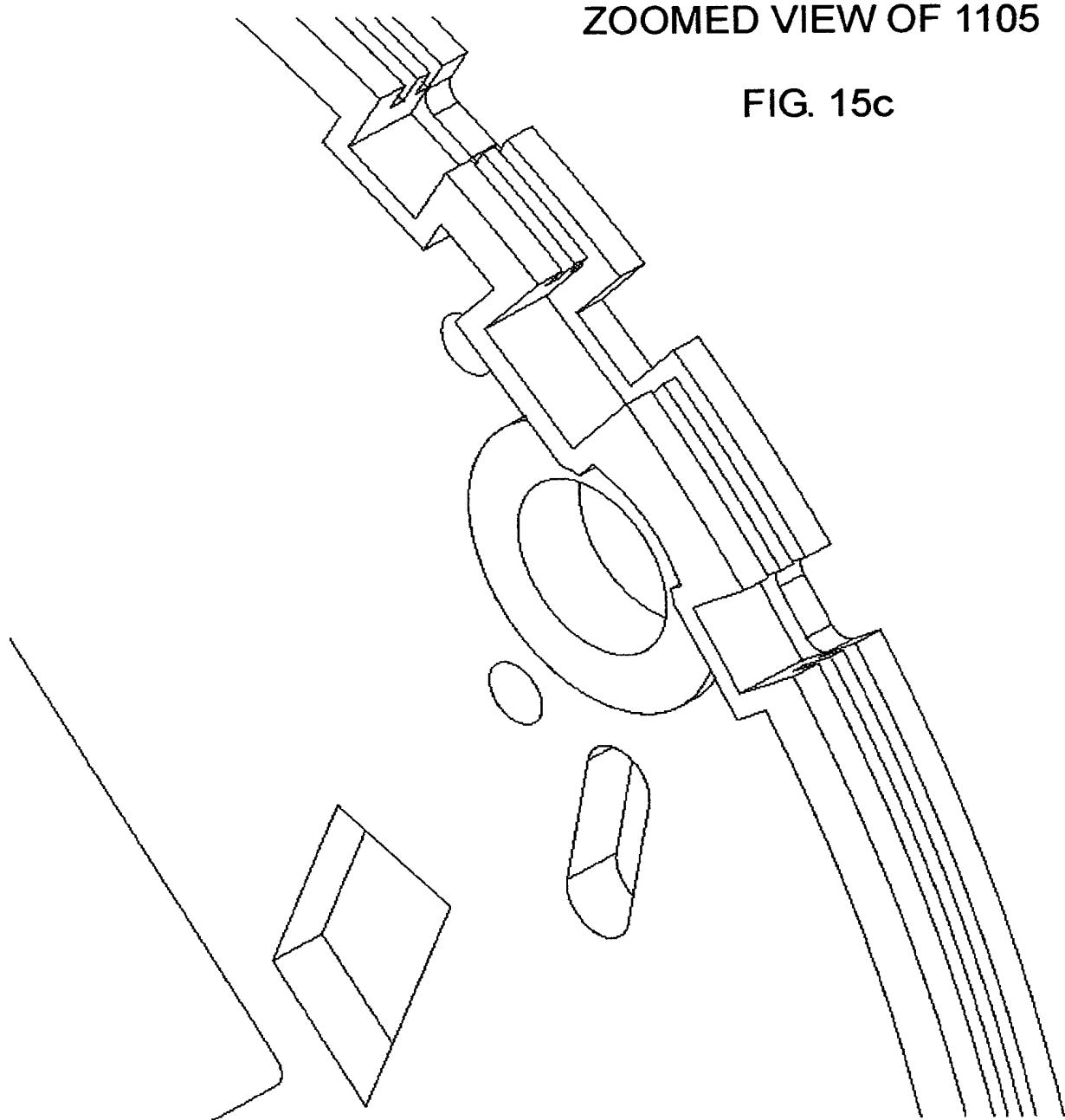
FIG. 15b

1105 IN DIFFERENT VIEWS

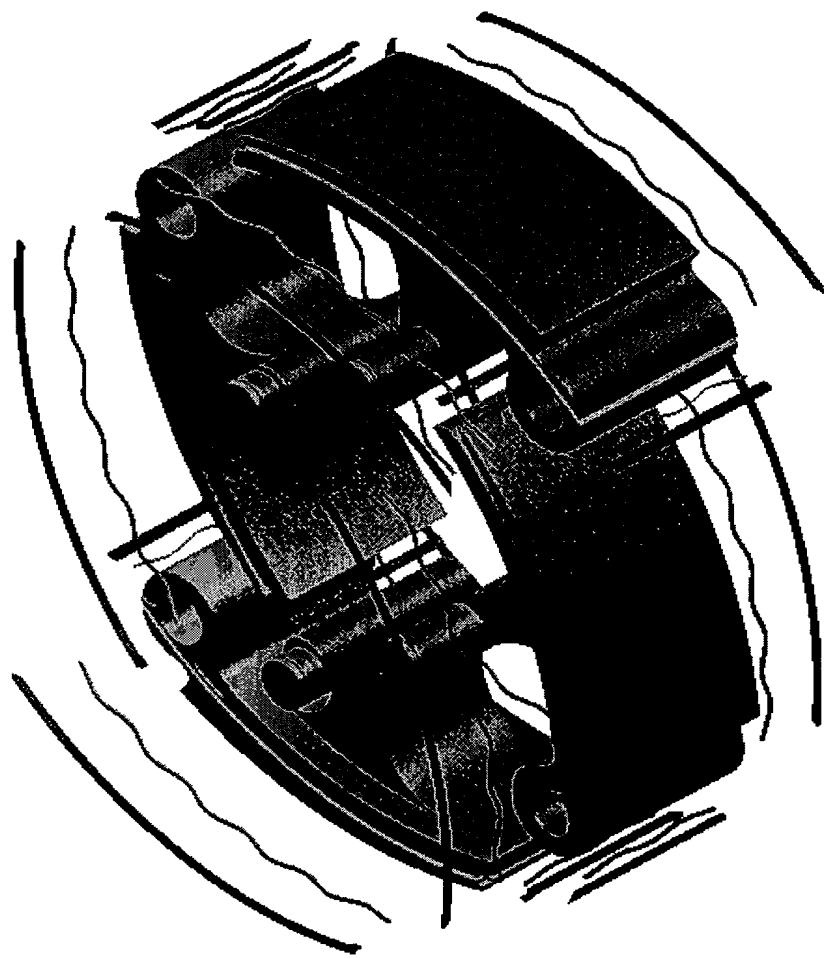
22/76

ZOOMED VIEW OF 1105

FIG. 15c



23/76



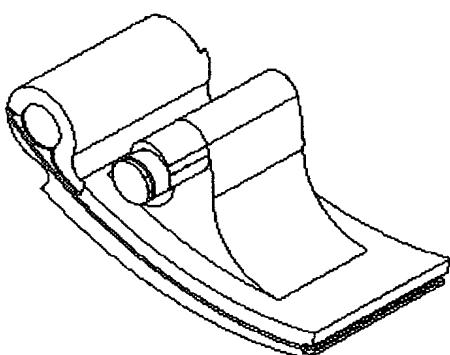
PISTONS AND RELATED ' SEALS AND SEAL SPRINGS '

FIG. 16

24/76

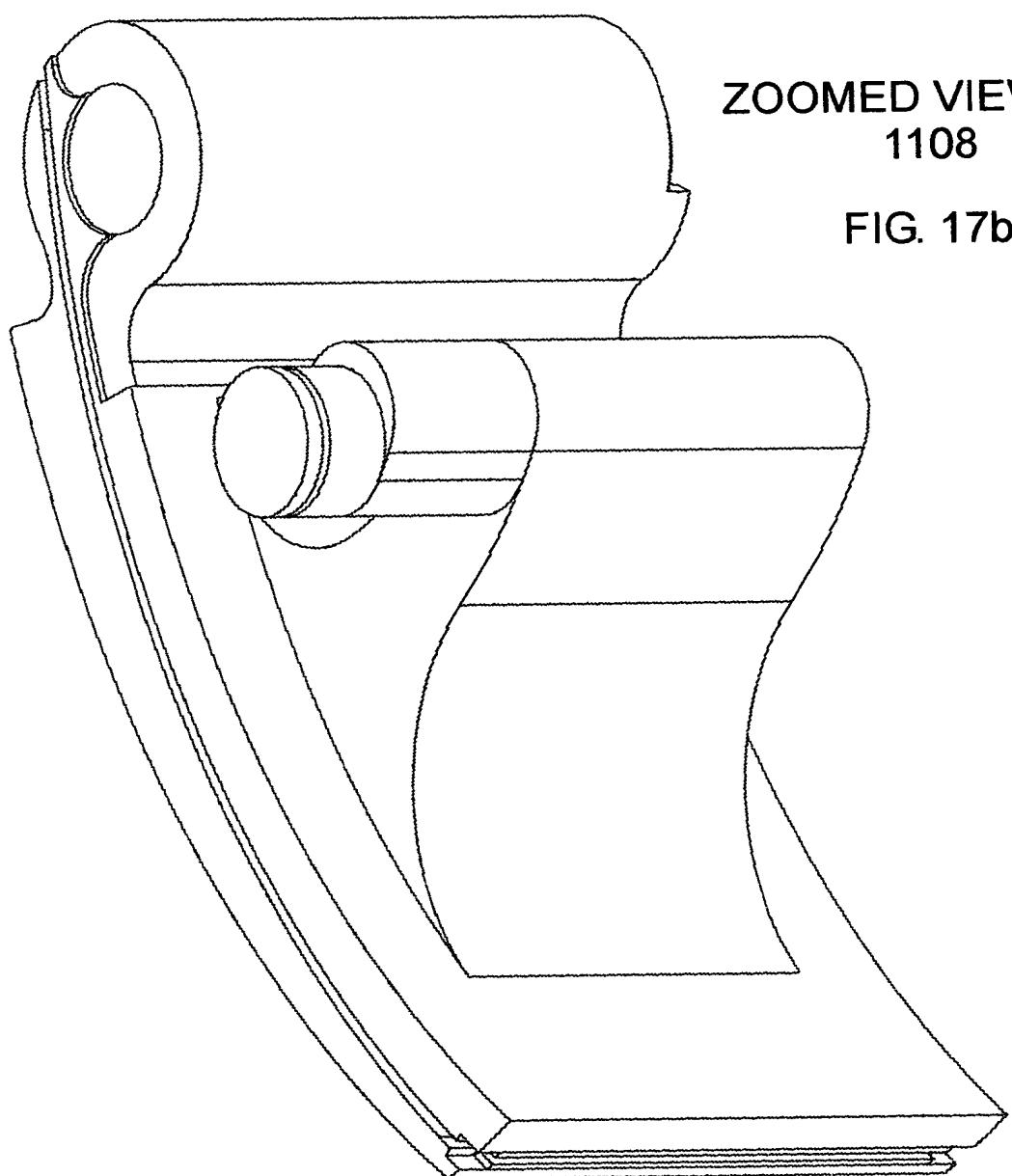
1108

FIG. 17a



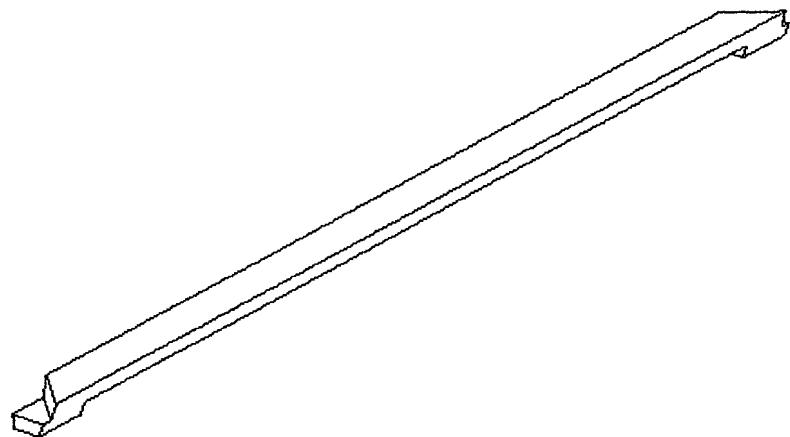
ZOOMED VIEW OF
1108

FIG. 17b



25/76

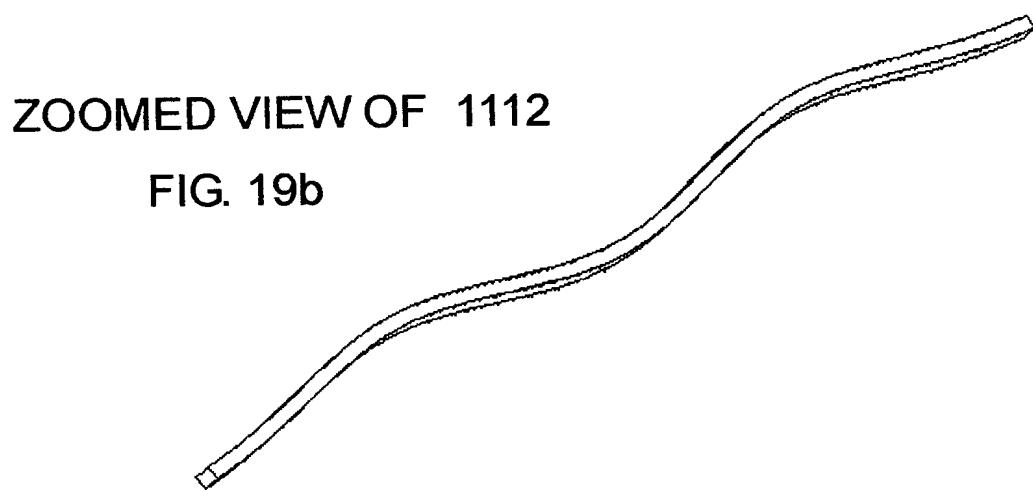
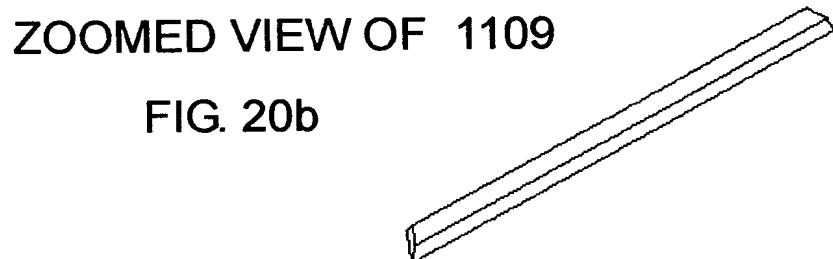
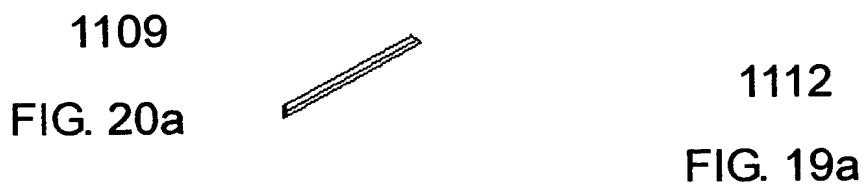
1110
FIG. 18a



ZOOMED VIEW OF 1110

FIG. 18b

26/76



27/76

1111

FIG. 21a

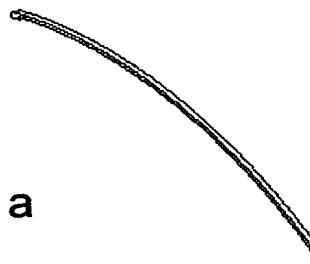
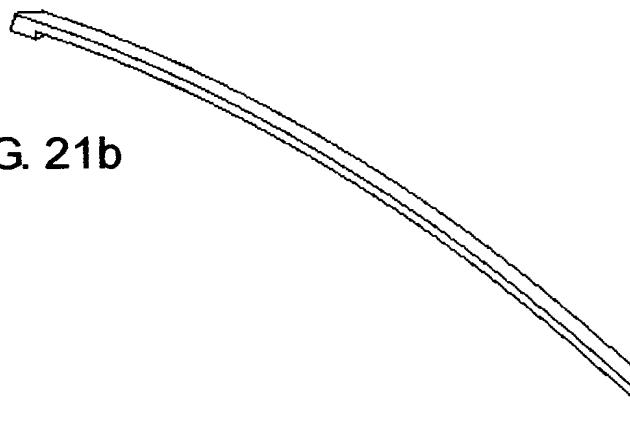


FIG. 21b



ZOOMED VIEWS OF 1111

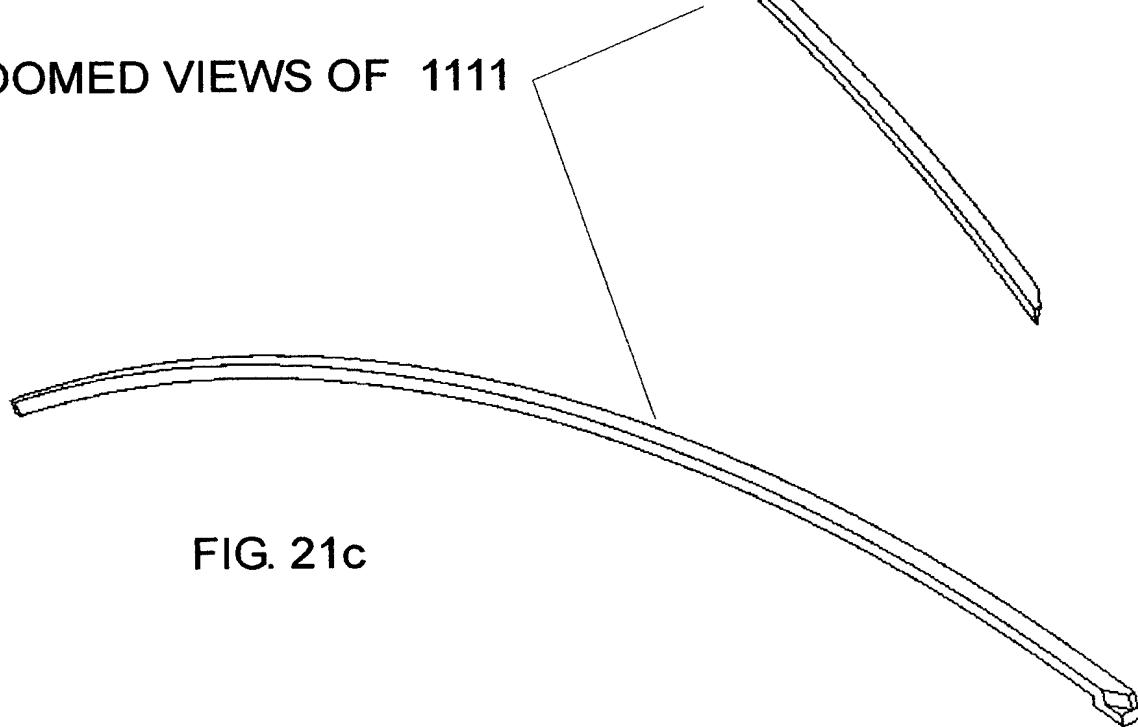
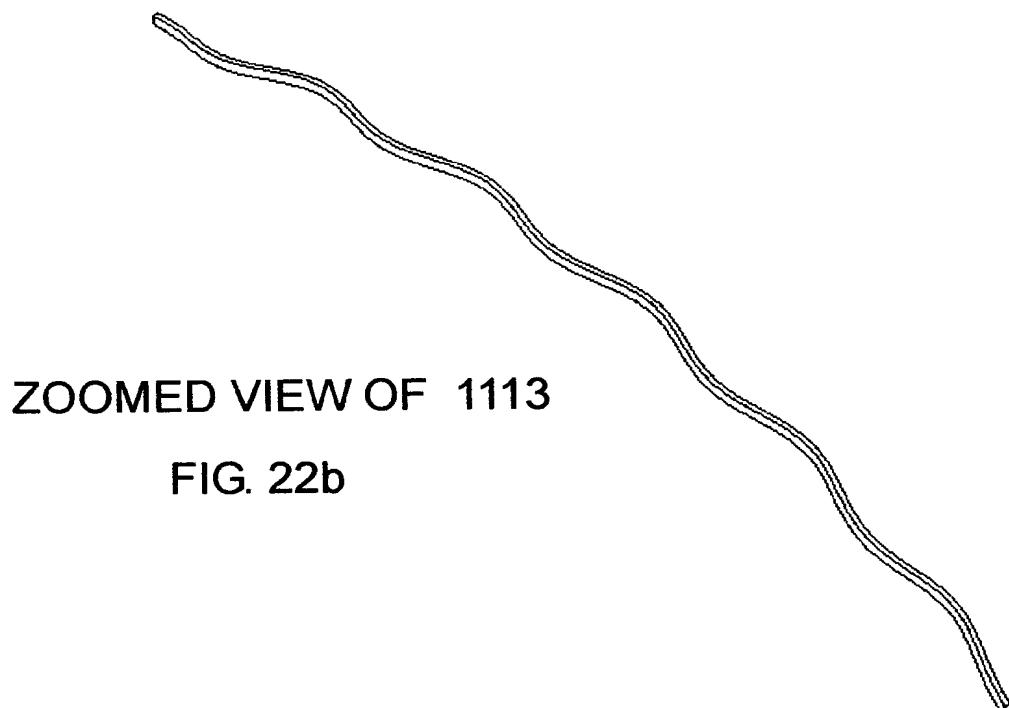
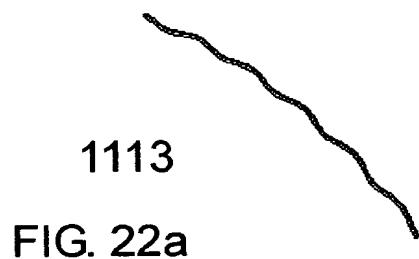
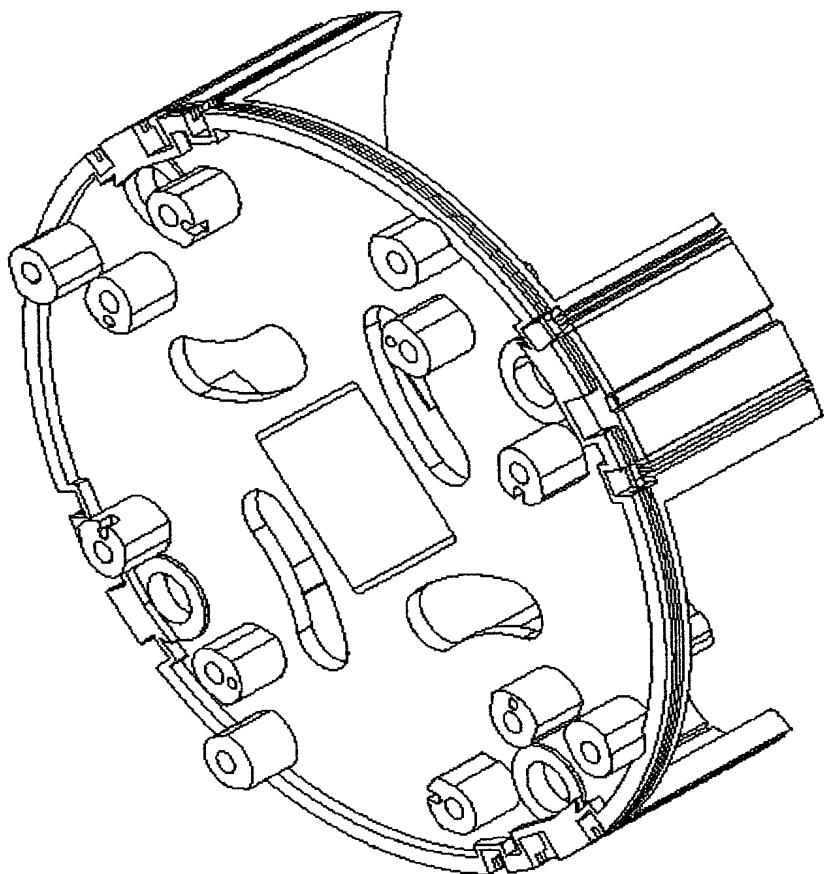


FIG. 21c

28/76



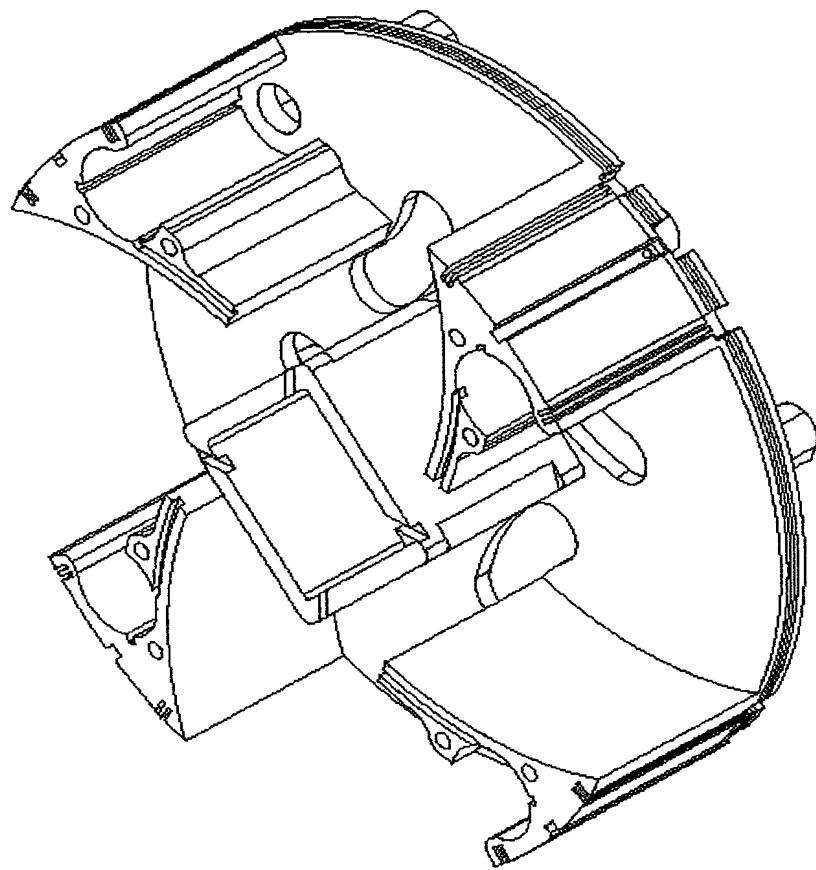
29/76



1114

FIG. 23a

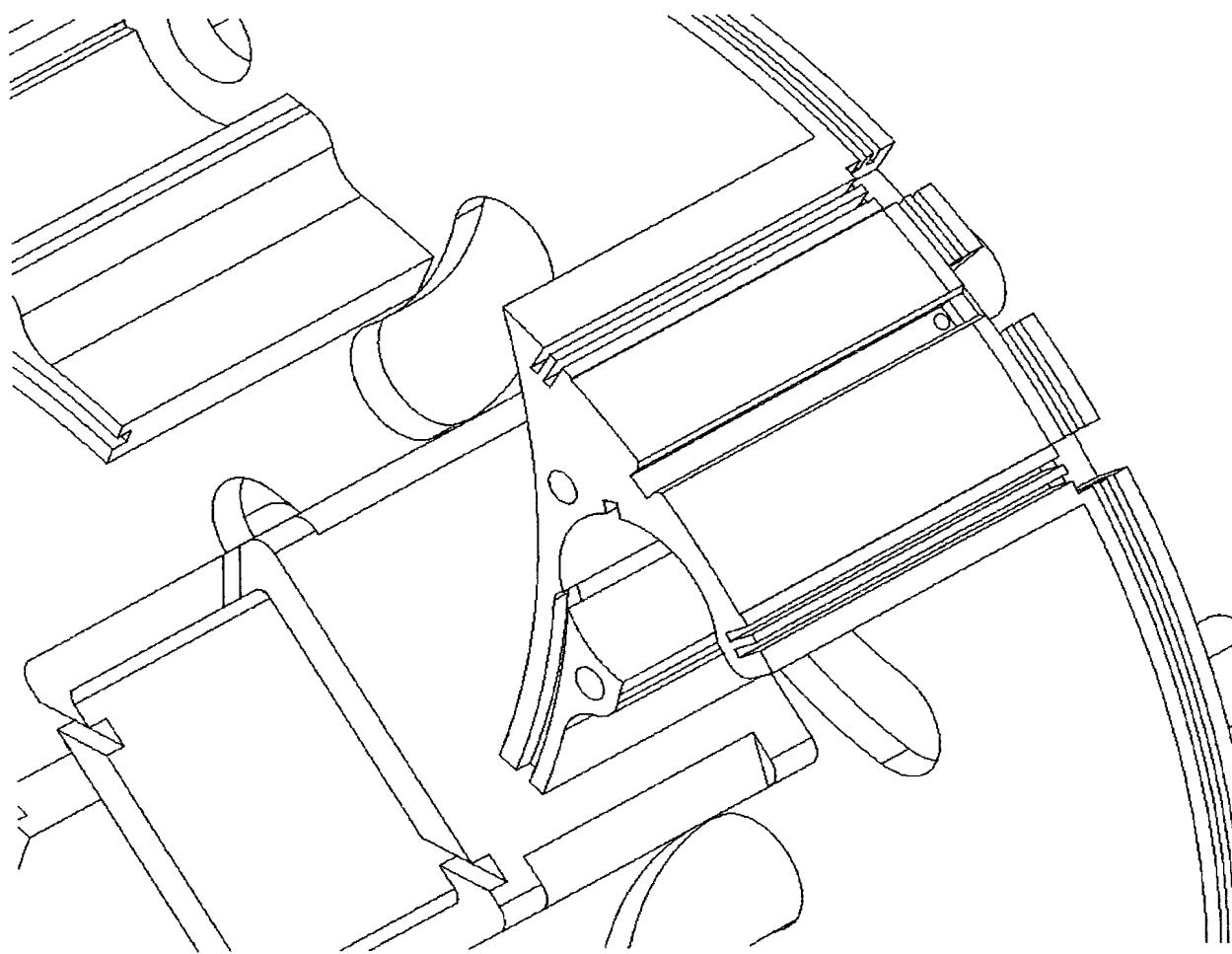
30/76



OTHER VIEW OF 1114

FIG. 23b

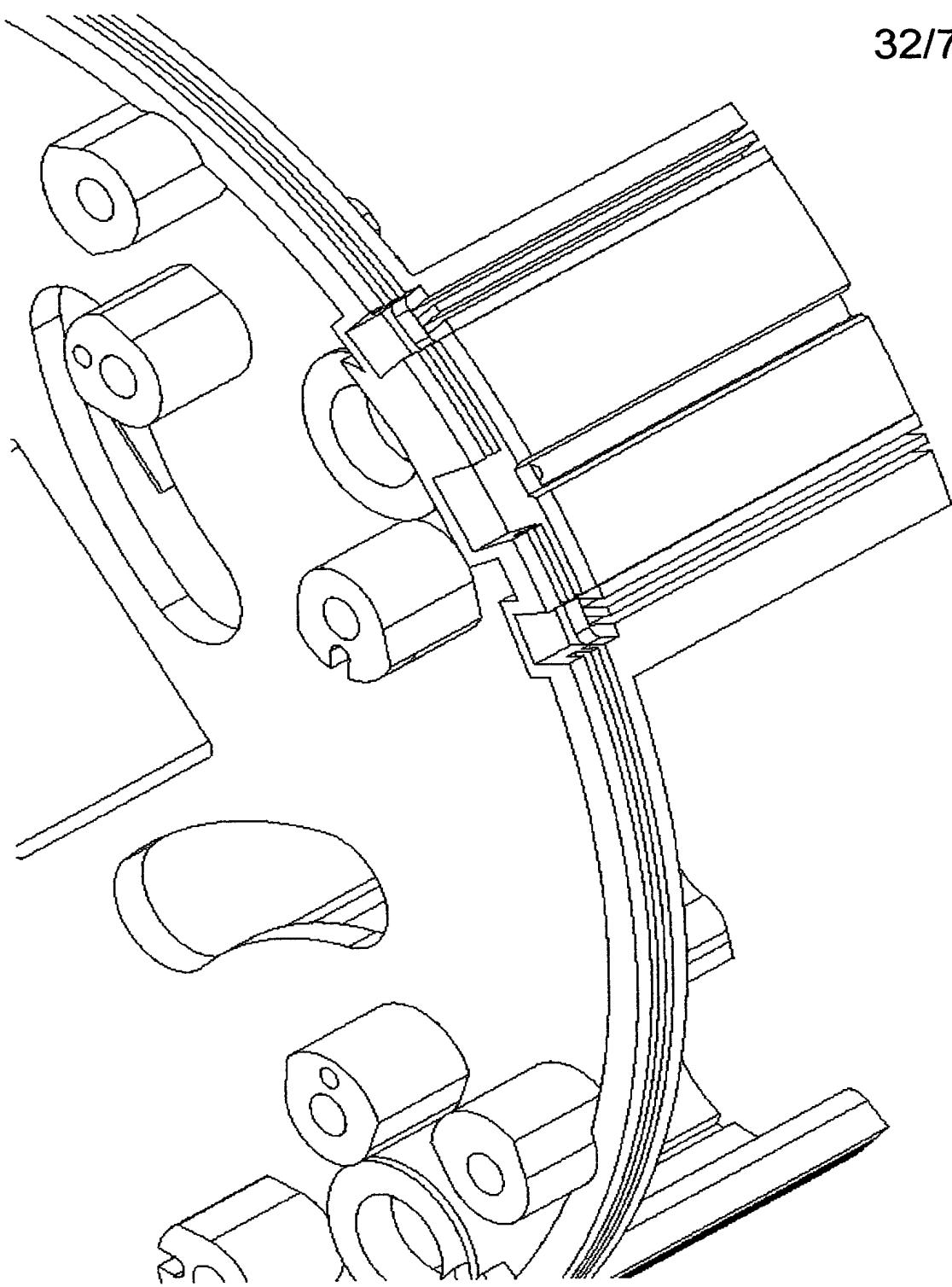
31/76



ZOOMED VIEW OF 1114

FIG. 23c

32/76



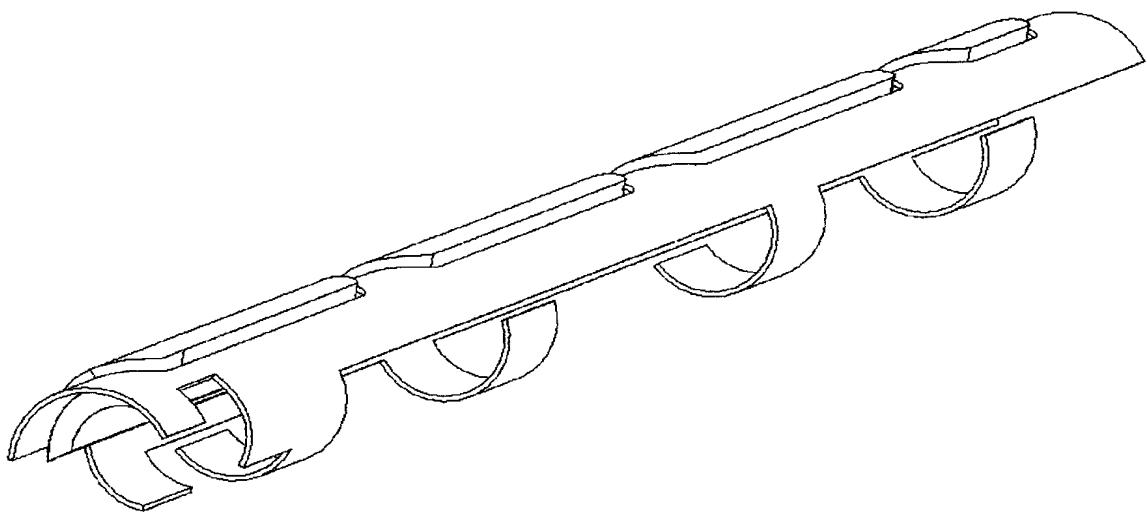
ZOOMED VIEW OF 1114

FIG. 23d

33/76

1120

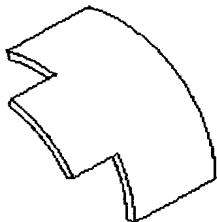
FIG. 24a



ZOOMED VIEW OF 1120

FIG. 24b

34/76



1107

FIG. 25a

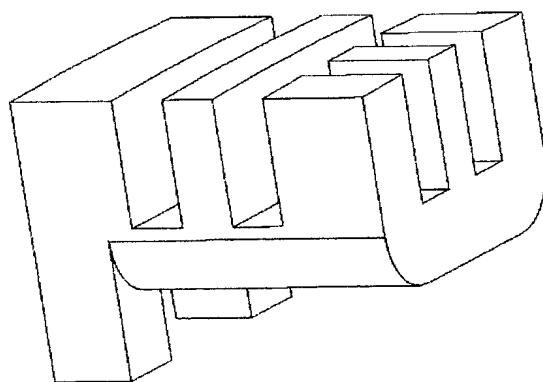
ZOOMED VIEW OF 1107

FIG. 25b

1106



FIG. 26a



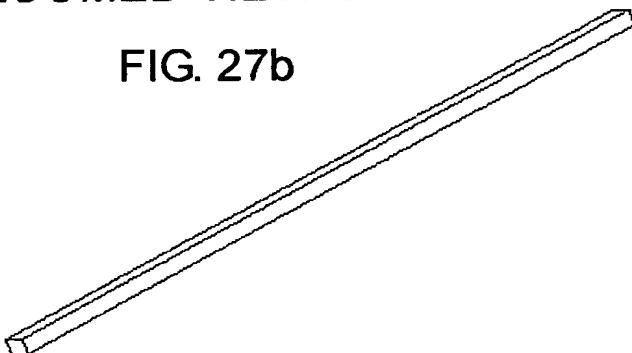
ZOOMED VIEW OF 1106

FIG. 26b

35/76

ZOOMED VIEW OF 1115

FIG. 27b



1115

FIG. 27a

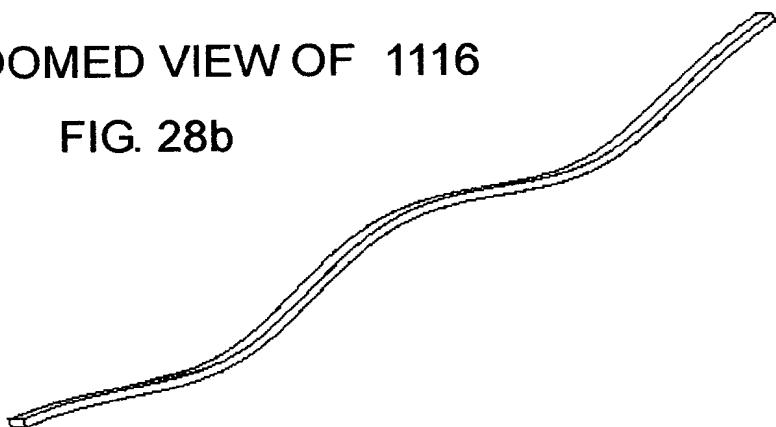
1116

FIG. 28a



ZOOMED VIEW OF 1116

FIG. 28b

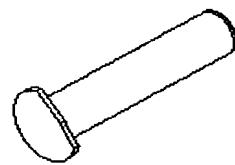


36/76



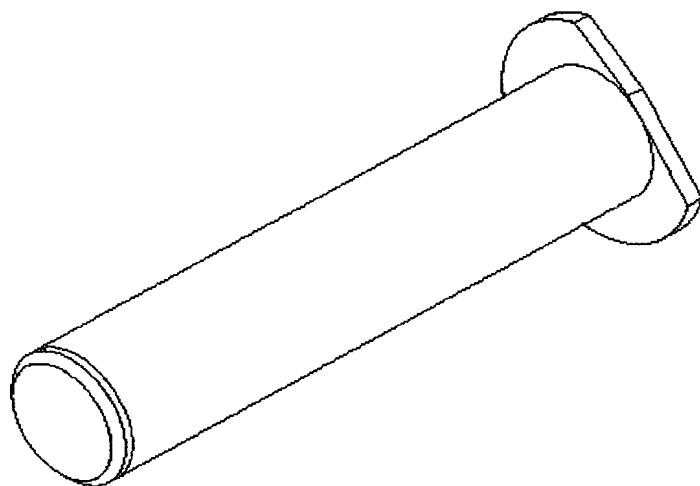
1102

FIG. 30



1117

FIG. 29a



ZOOMED VIEW OF 1117

FIG. 29b

37/76

FIG. 31b



1119

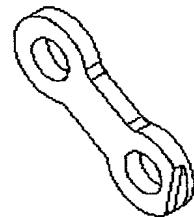
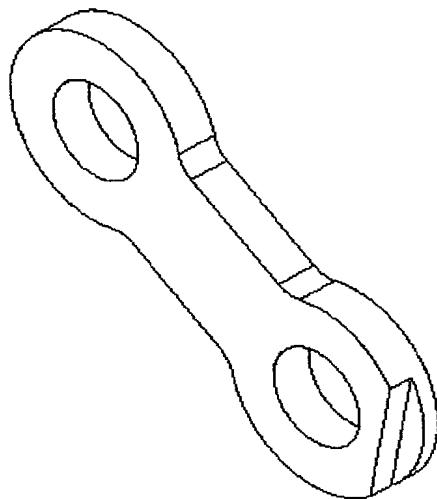
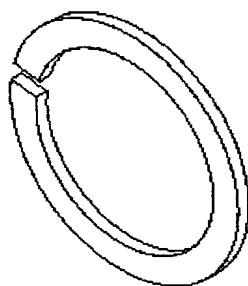


FIG. 31a



1118

FIG. 32a

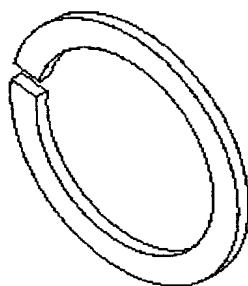


ZOOMED VIEW OF 1118

FIG. 31c

ZOOMED VIEW OF 1119

FIG. 32b



38/76

FIG. 33a

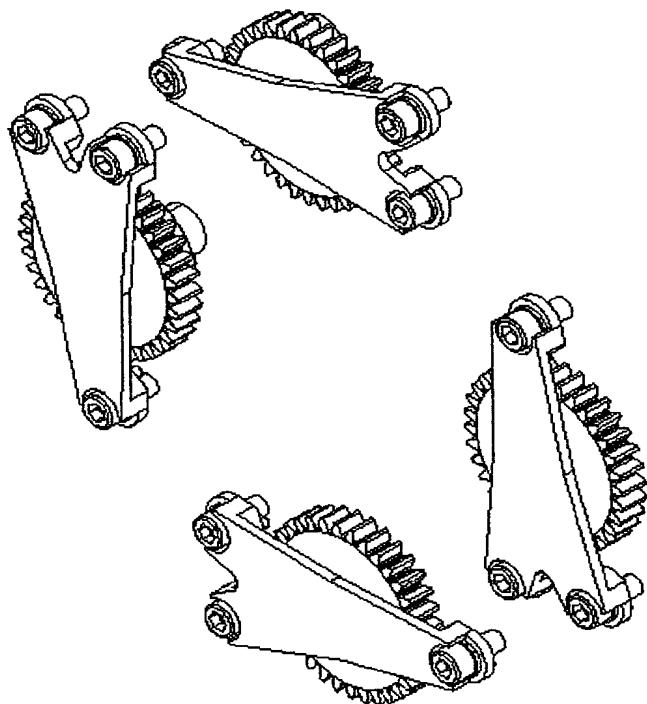
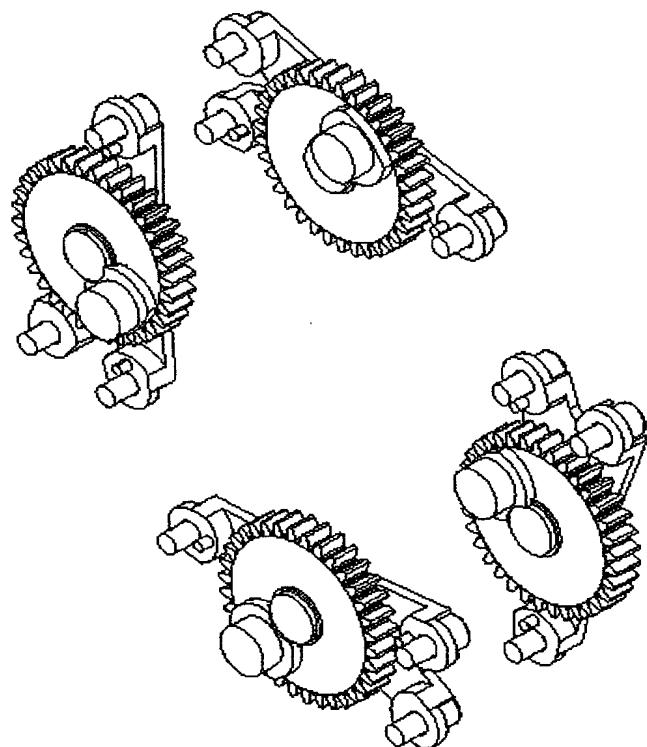
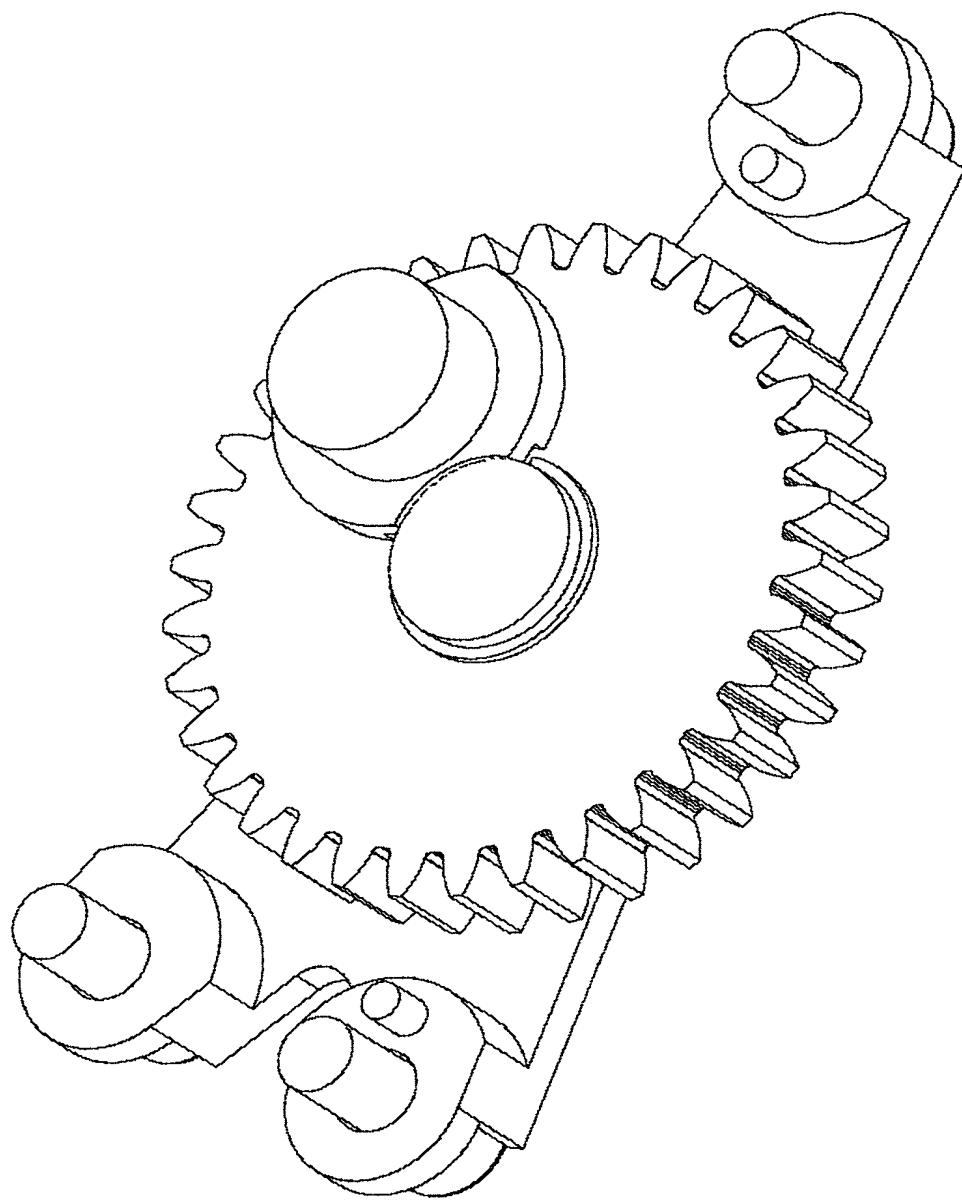


FIG. 33b



1200 IN DIFFERENT VIEWS

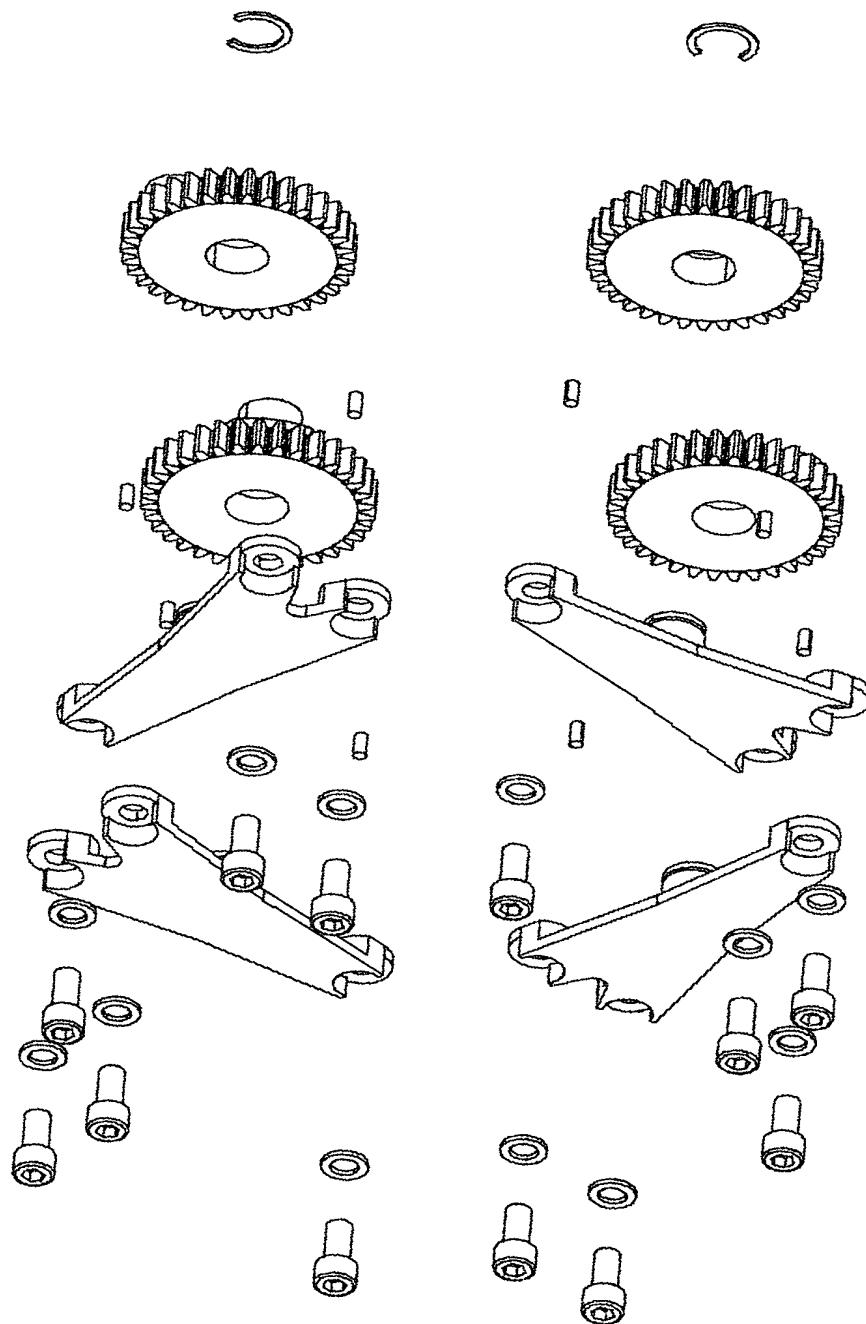
39/76



ZOOMED VIEW OF 1200

FIG. 33c

40/76



EXPLODED VIEW OF 1200

FIG. 34

41/76

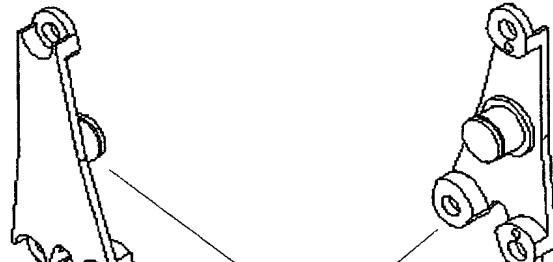
FIG. 35b



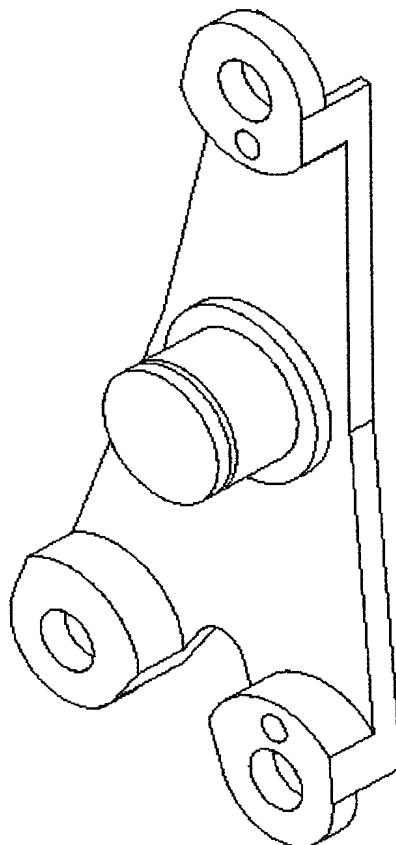
1203

FIG. 36

FIG. 35a



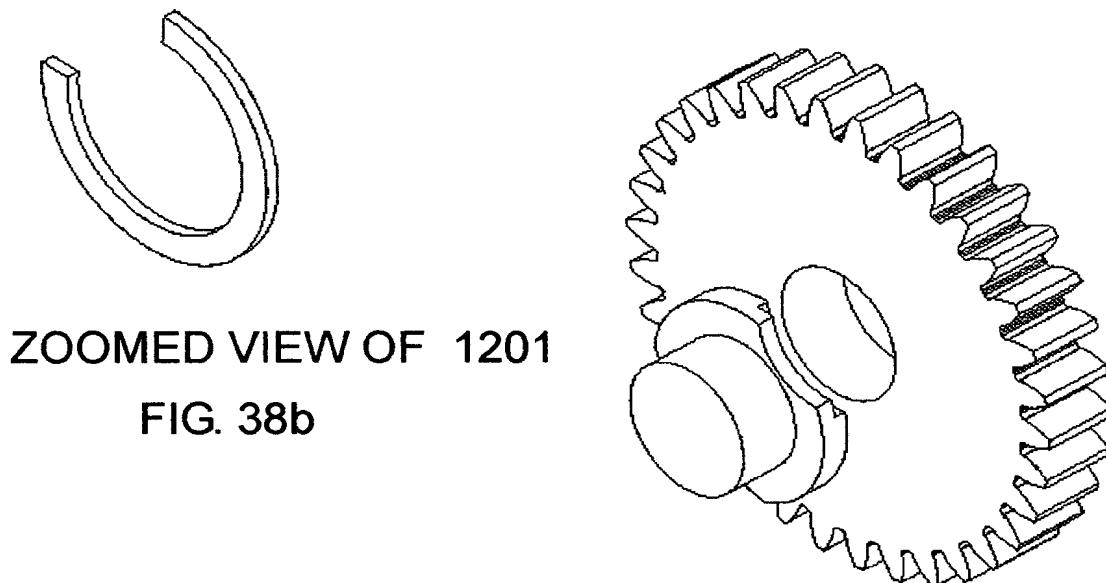
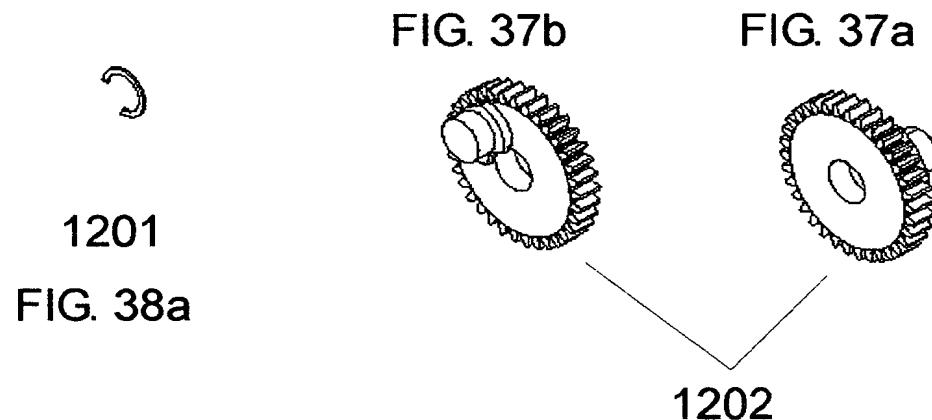
1204



ZOOMED VIEW OF 1204

FIG. 35c

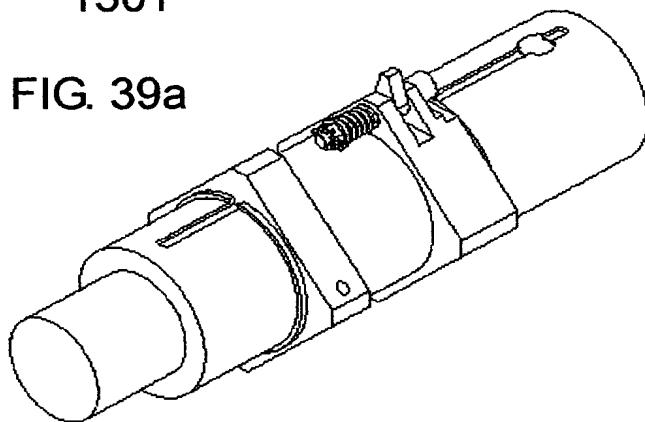
42/76



43/76

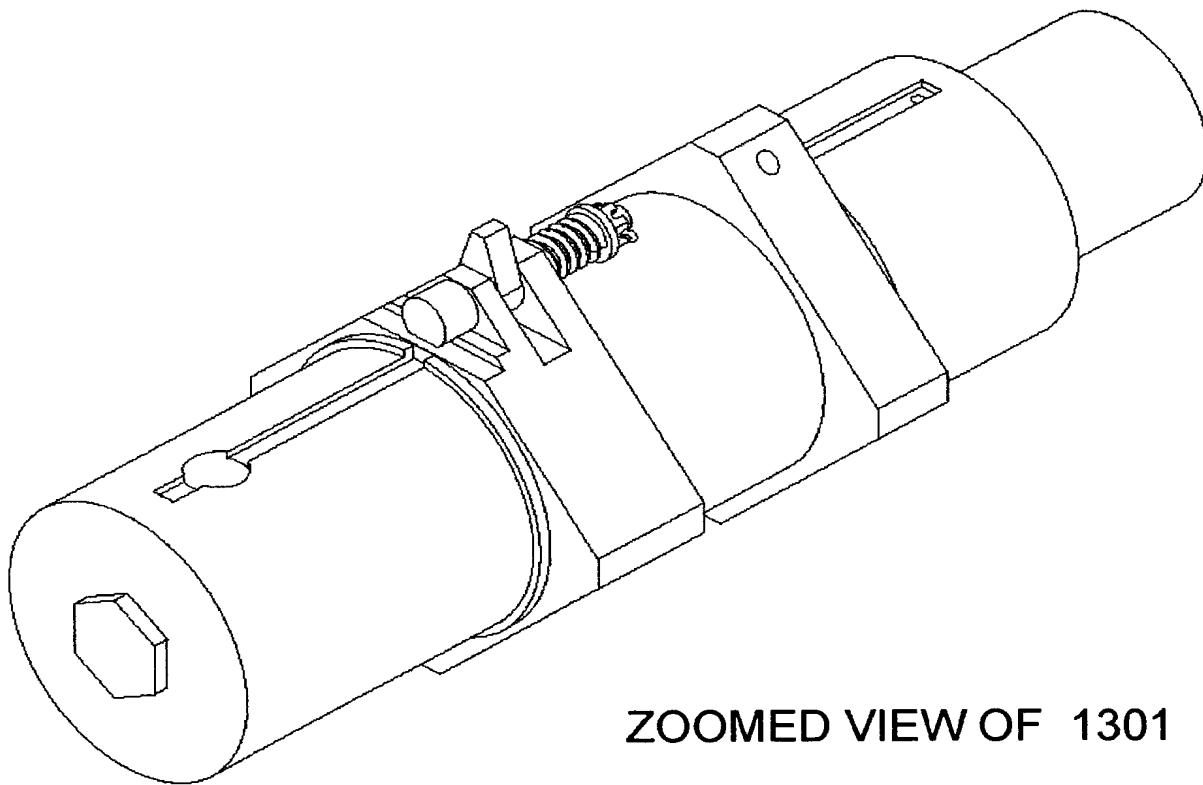
1301

FIG. 39a

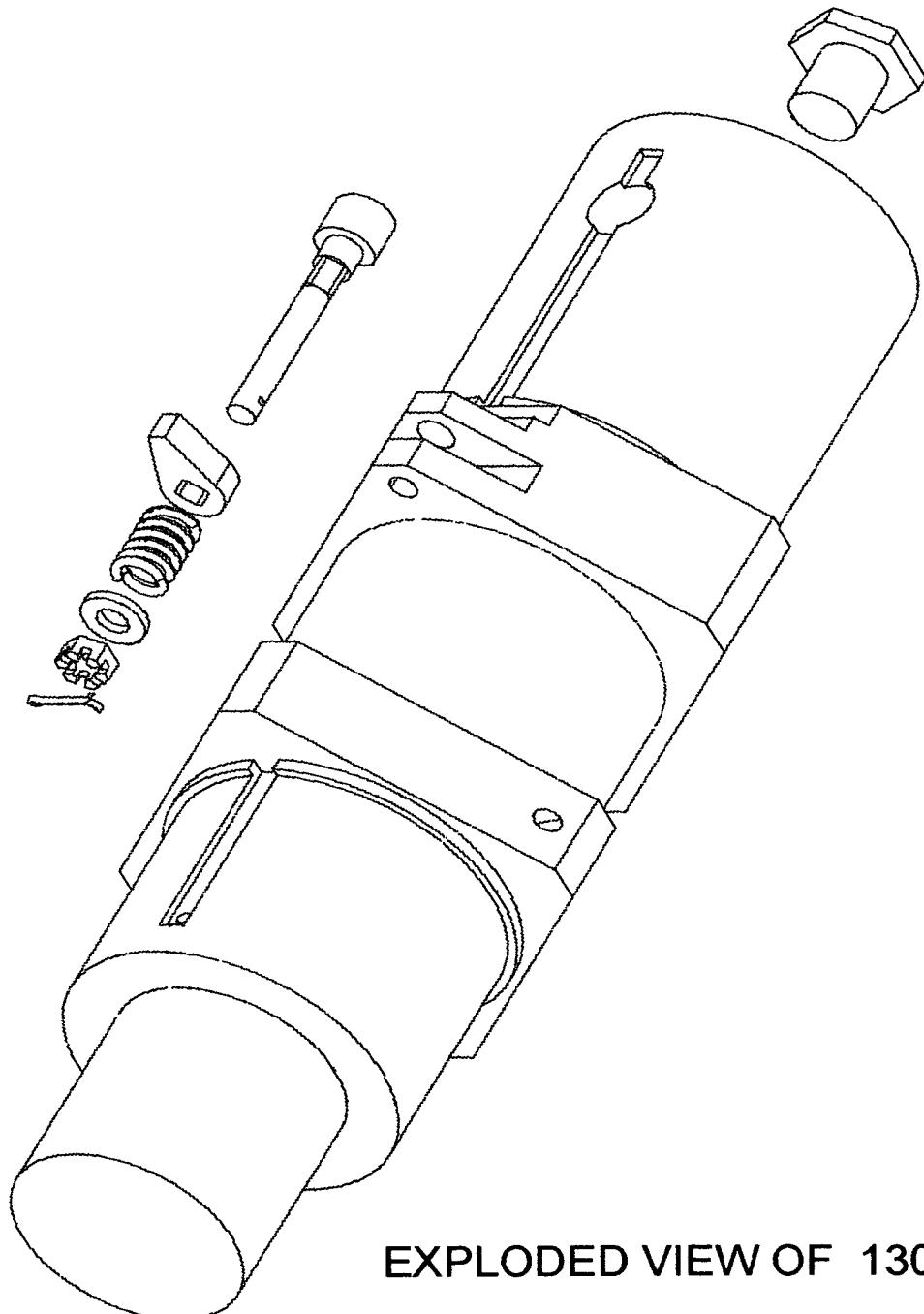


ZOOMED VIEW OF 1301

FIG. 39b



44/76

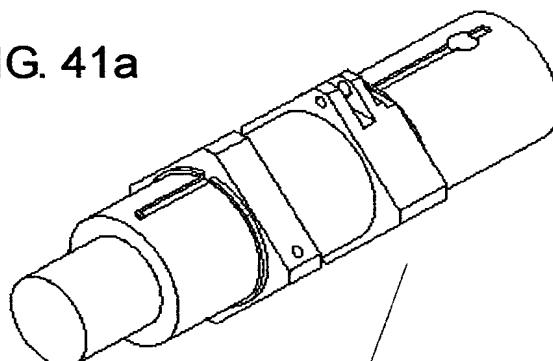


EXPLODED VIEW OF 1301

FIG. 40

45/76

FIG. 41a



1301
IN DIFFERENT VIEWS

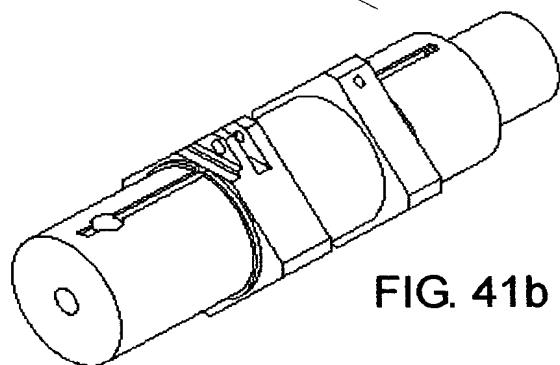


FIG. 41b



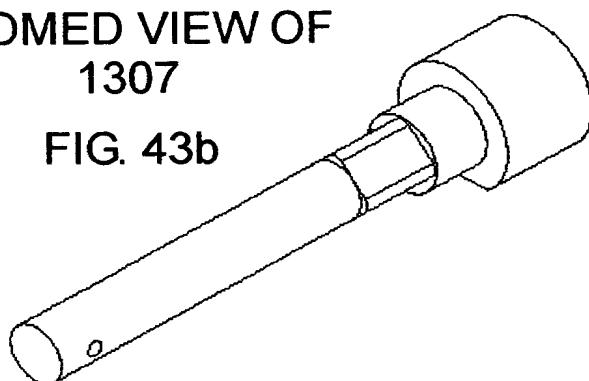
1308

FIG. 42

46/76

ZOOMED VIEW OF
1307

FIG. 43b



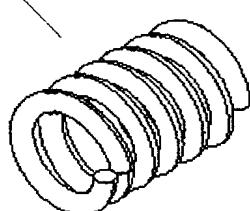
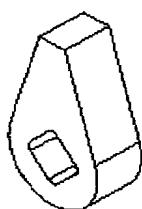
1307



FIG. 43a

ZOOMED VIEW OF 1305

FIG. 45b



1306

FIG. 44a



1305

FIG. 45a

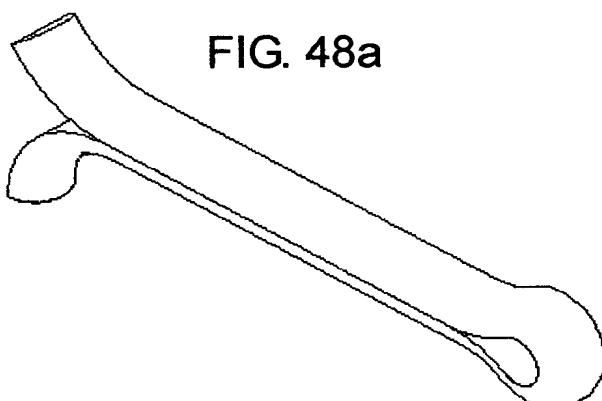
ZOOMED VIEW OF

1306

FIG. 44b

1302

FIG. 48a



ZOOMED VIEW OF 1302

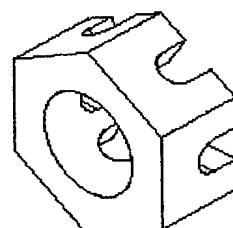
FIG. 48b

1304

FIG. 47

1303

FIG. 46a

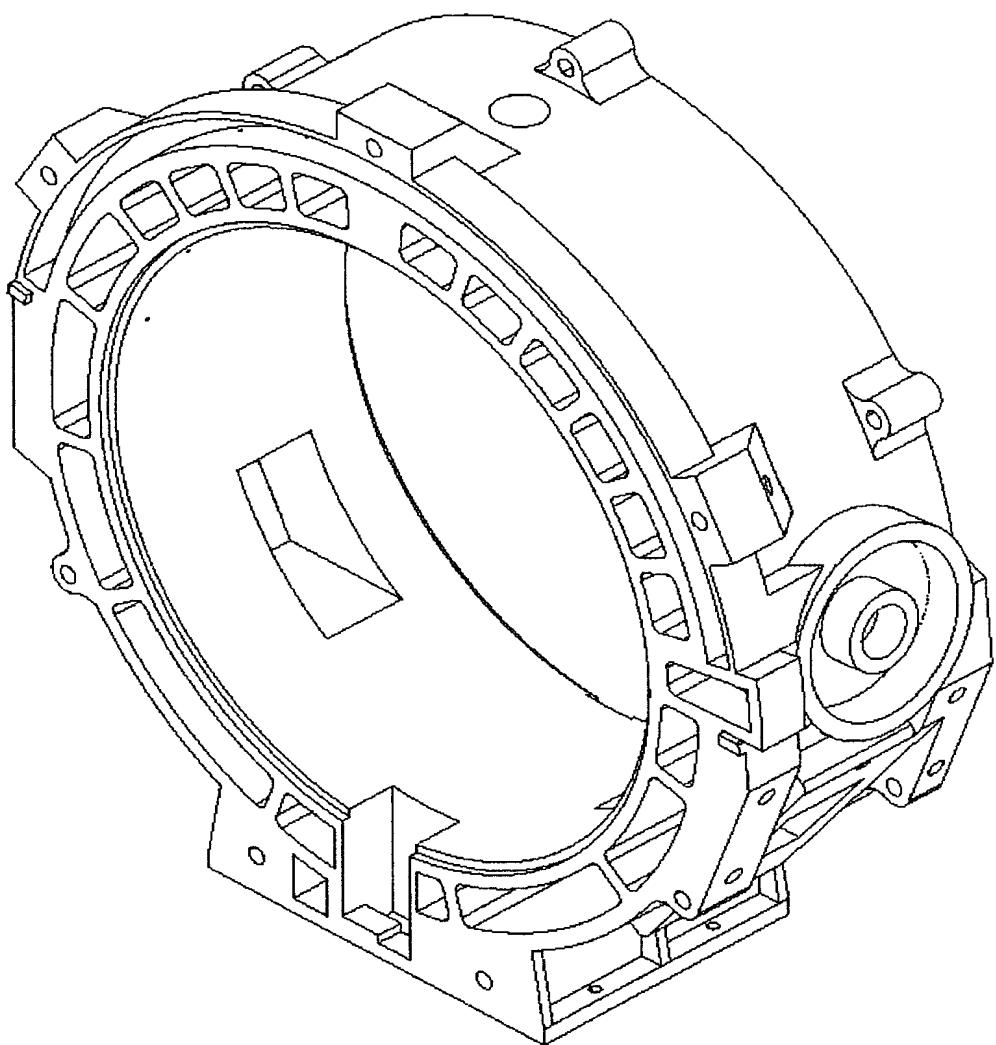


ZOOMED VIEW OF

1303

FIG. 46b

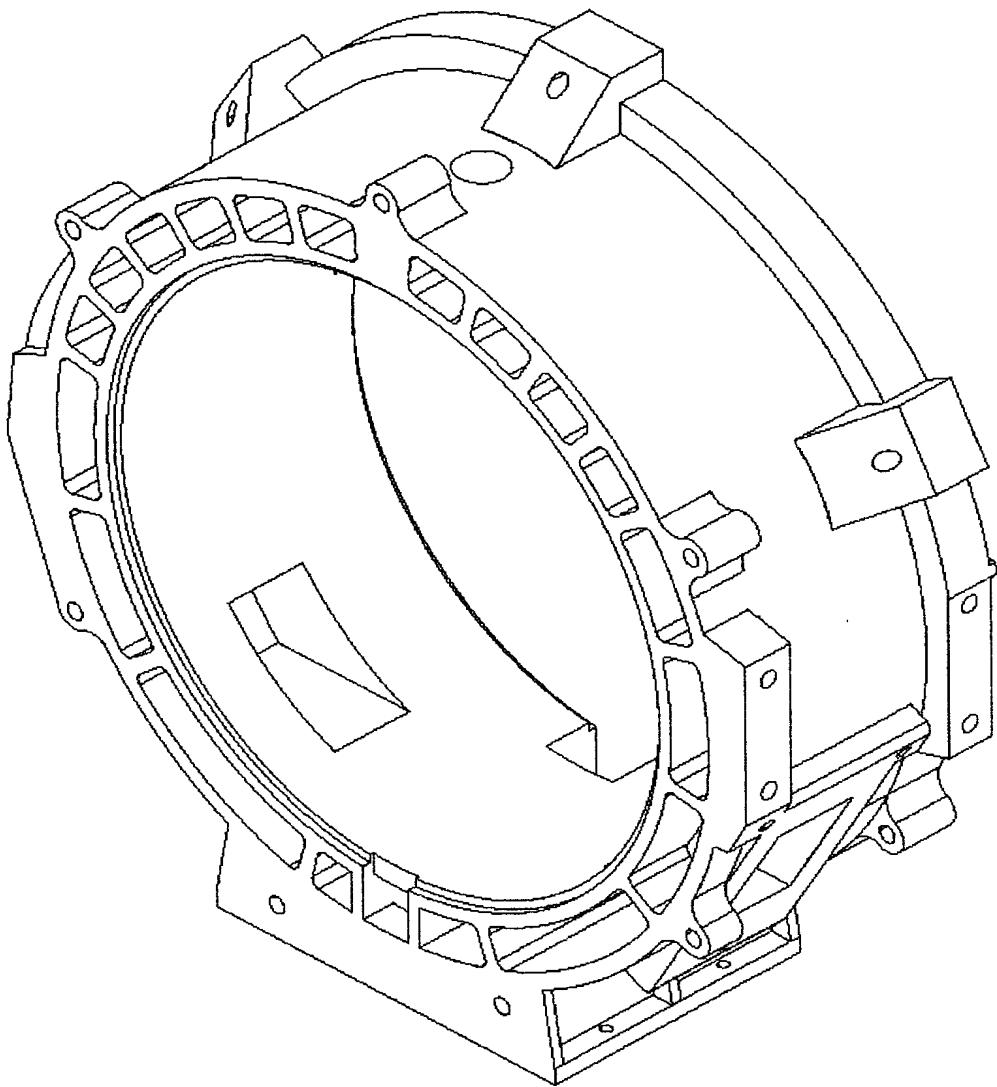
47/76



2101

FIG. 49a

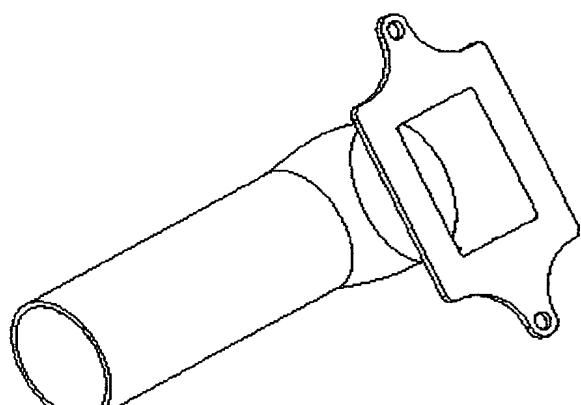
48/76



OTHER VIEW OF 2101

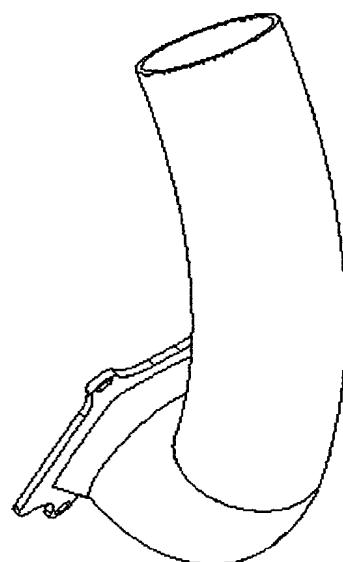
FIG. 49b

49/76



2105

FIG. 52

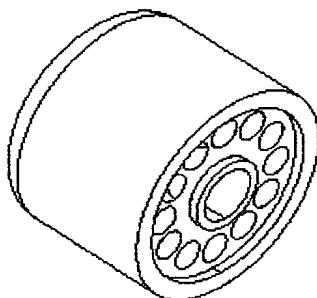


2111

2102

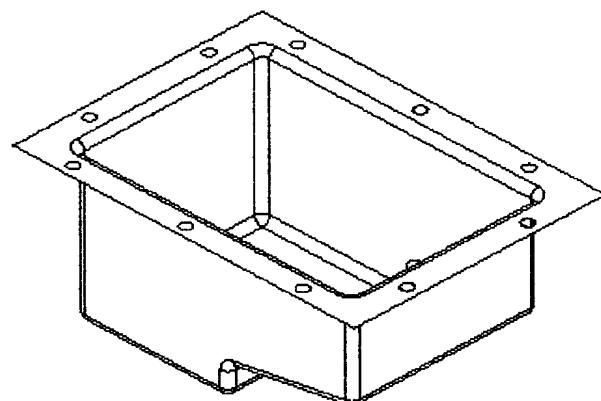
FIG. 50

FIG. 51



2104

FIG. 54

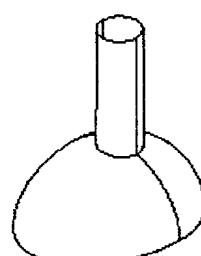


2109

FIG. 53



2103



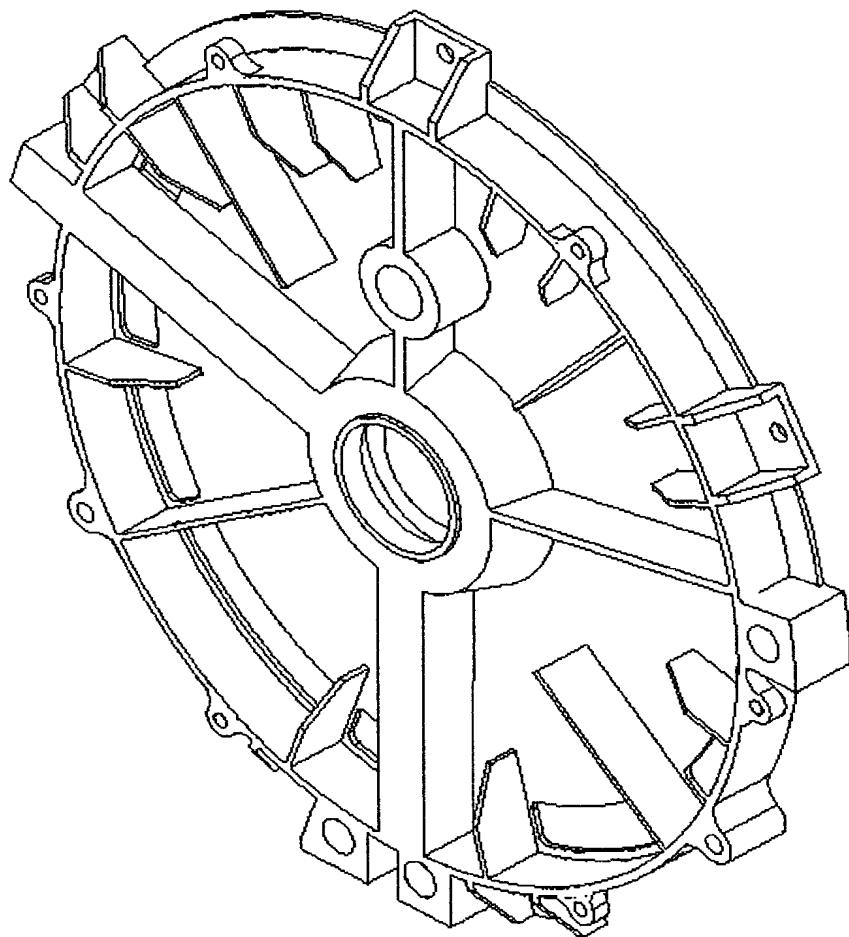
2108

FIG. 57



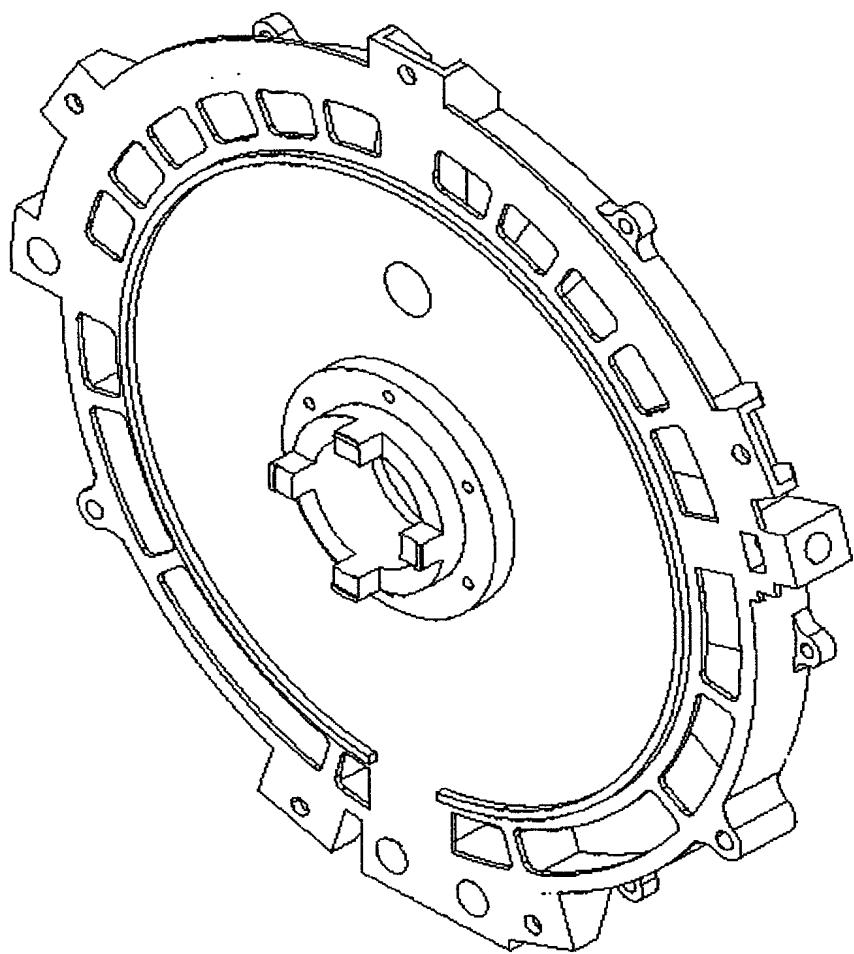
2110

FIG. 55



3105

FIG. 58a



OTHER VIEW 3105

FIG. 58b

52/76



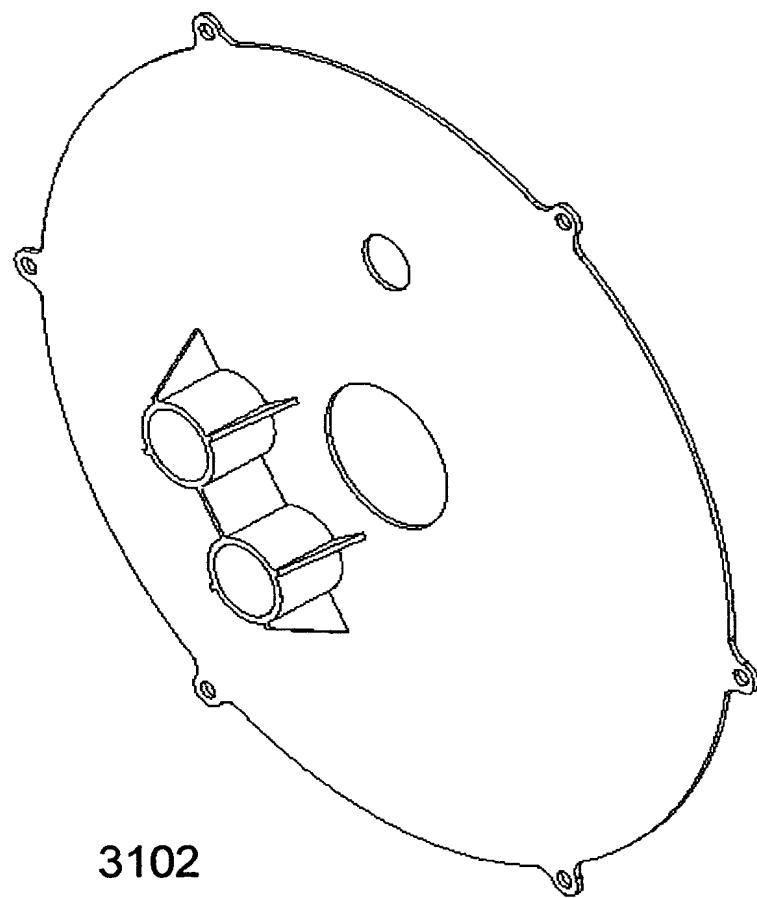
3101

FIG. 60



3106

FIG. 59



3102

FIG. 61

53/76

FIG. 62b

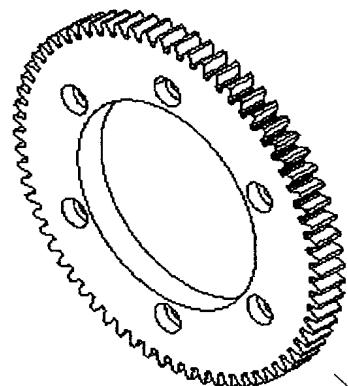
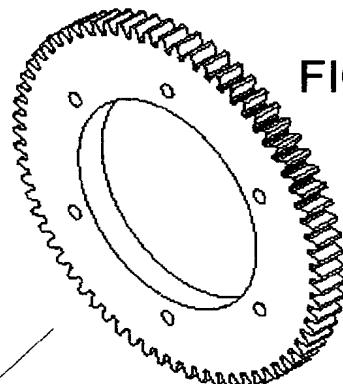
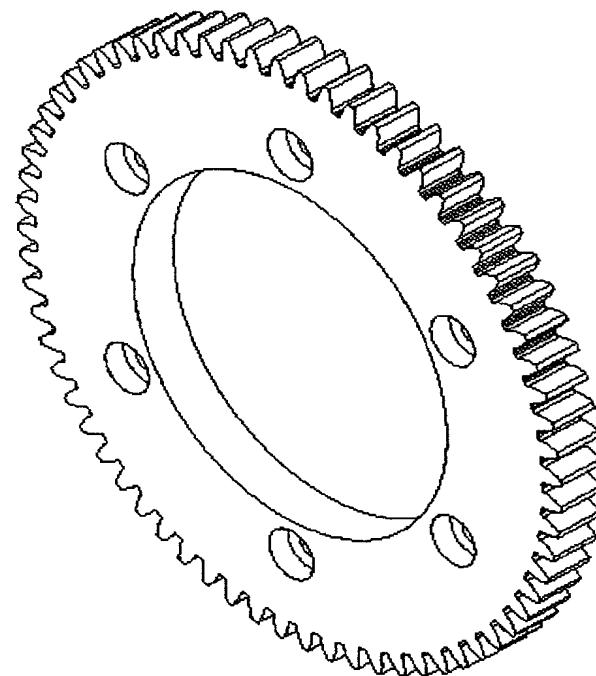


FIG. 62a



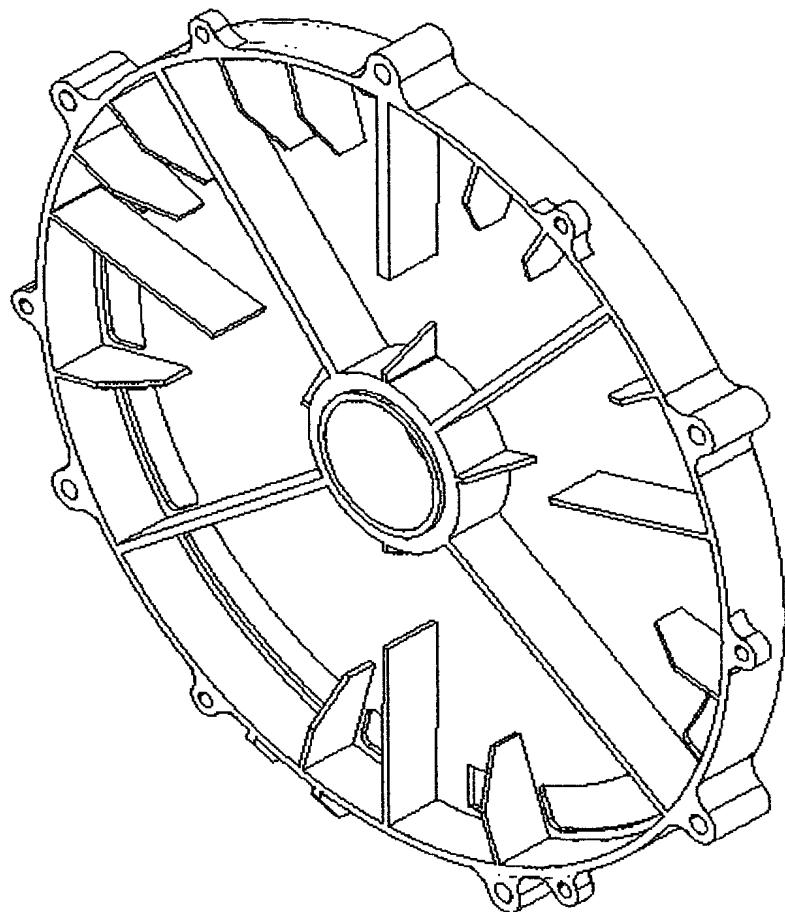
3107 IN DIFFERENT VIEWS



ZOOMED VIEW OF 3107

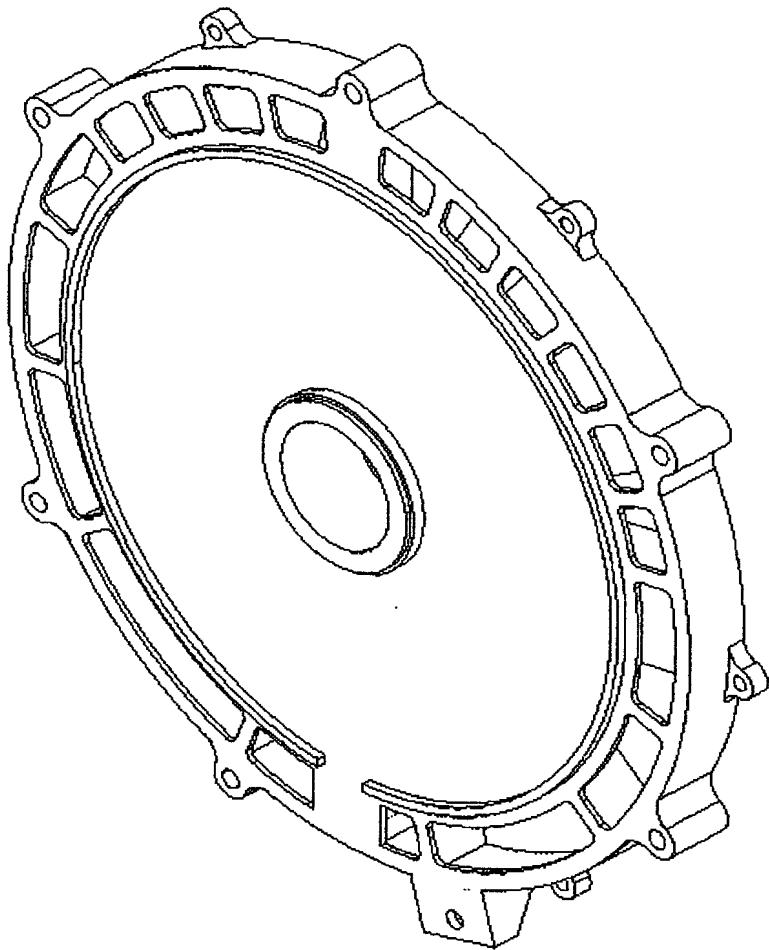
FIG. 62c

54/76



4104

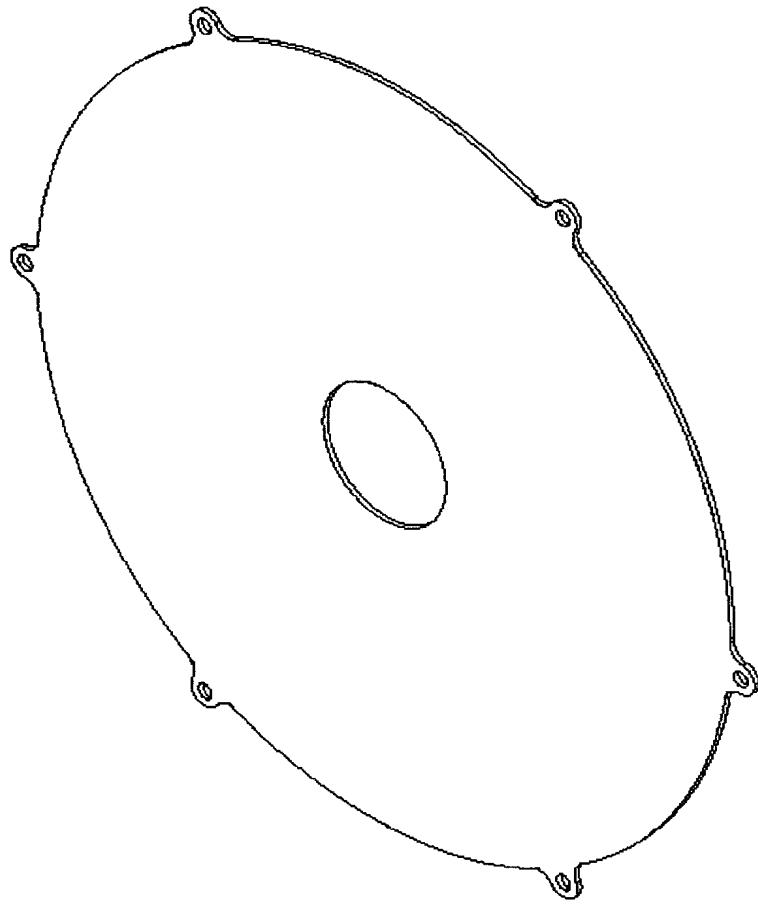
FIG. 63a



OTHER VIEW OF 4104

FIG. 63b

56/76

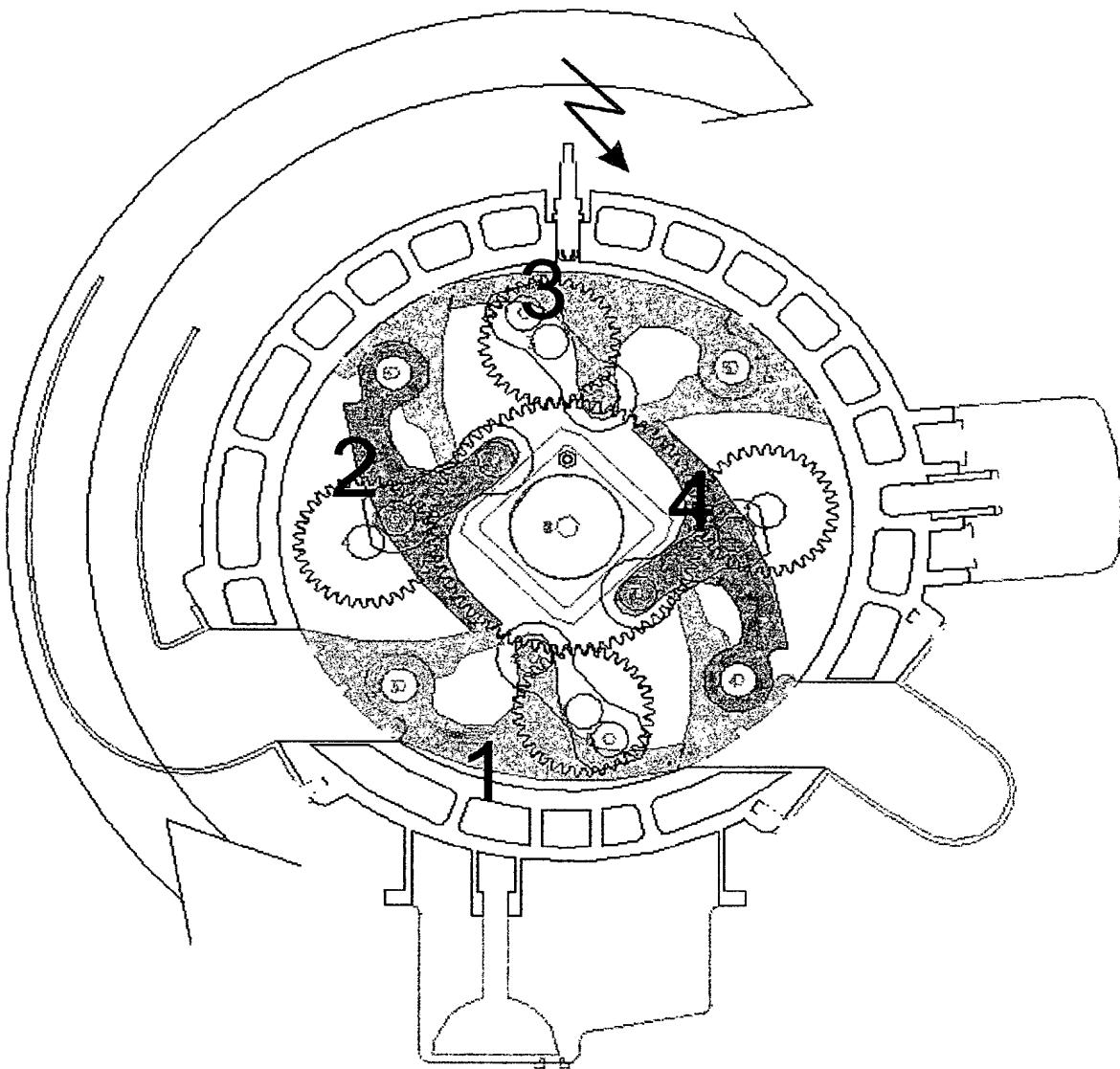


4101

FIG. 64

57/76

PISTON NO. 1 IS AT THE START OF INTAKE STROKE.
PISTON NO. 2 IS AT THE START OF COMPRESSION STROKE.
PISTON NO. 3 IS AT THE START OF COMBUSTION STROKE.
PISTON NO. 4 IS AT THE START OF EXHAUST GAS STROKE.

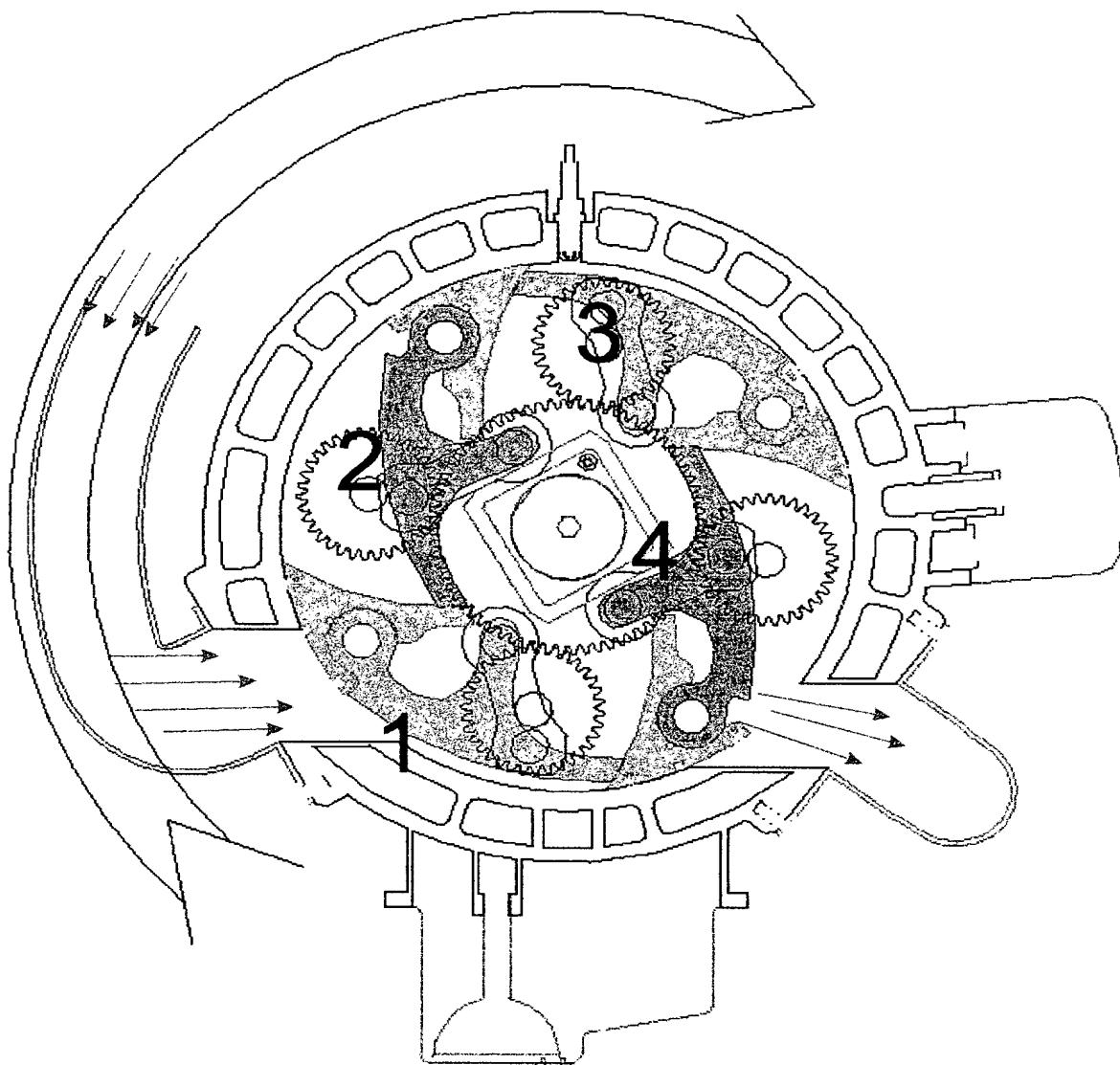


0 DEGREE ROTATION OF MAIN SHAFT

FIG. 65

58/76

PISTON NO. 1 IS IN INTAKE STROKE.
PISTON NO. 2 IS IN COMPRESSION STROKE.
PISTON NO. 3 IS IN COMBUSTION STROKE.
PISTON NO. 4 IS IN EXHAUST GAS STROKE.

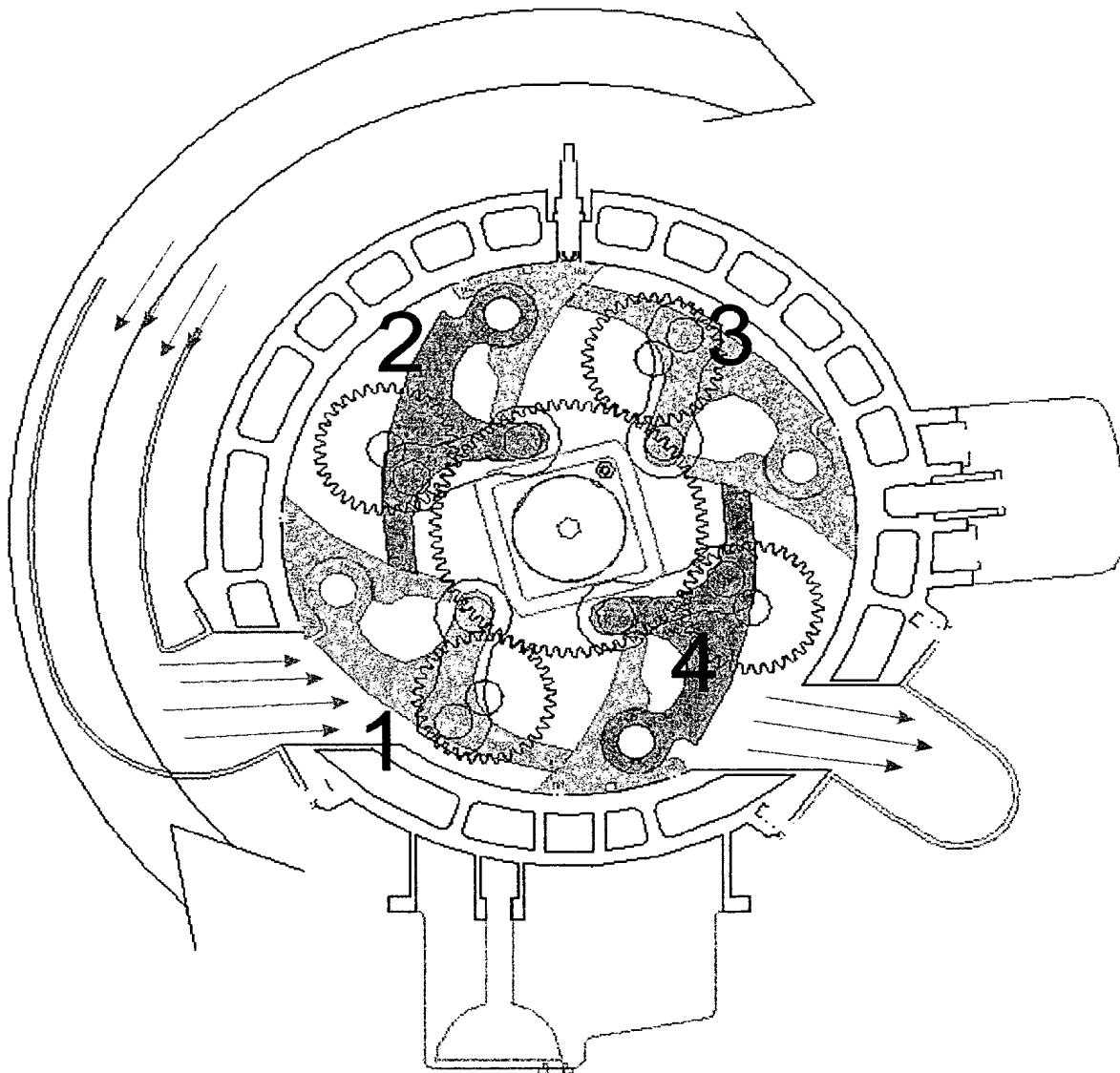


15 DEGREE ROTATION OF MAIN SHAFT

FIG. 66

59/76

PISTON NO. 1 IS IN INTAKE STROKE.
PISTON NO. 2 IS IN COMPRESSION STROKE.
PISTON NO. 3 IS IN COMBUSTION STROKE.
PISTON NO. 4 IS IN EXHAUST GAS STROKE.

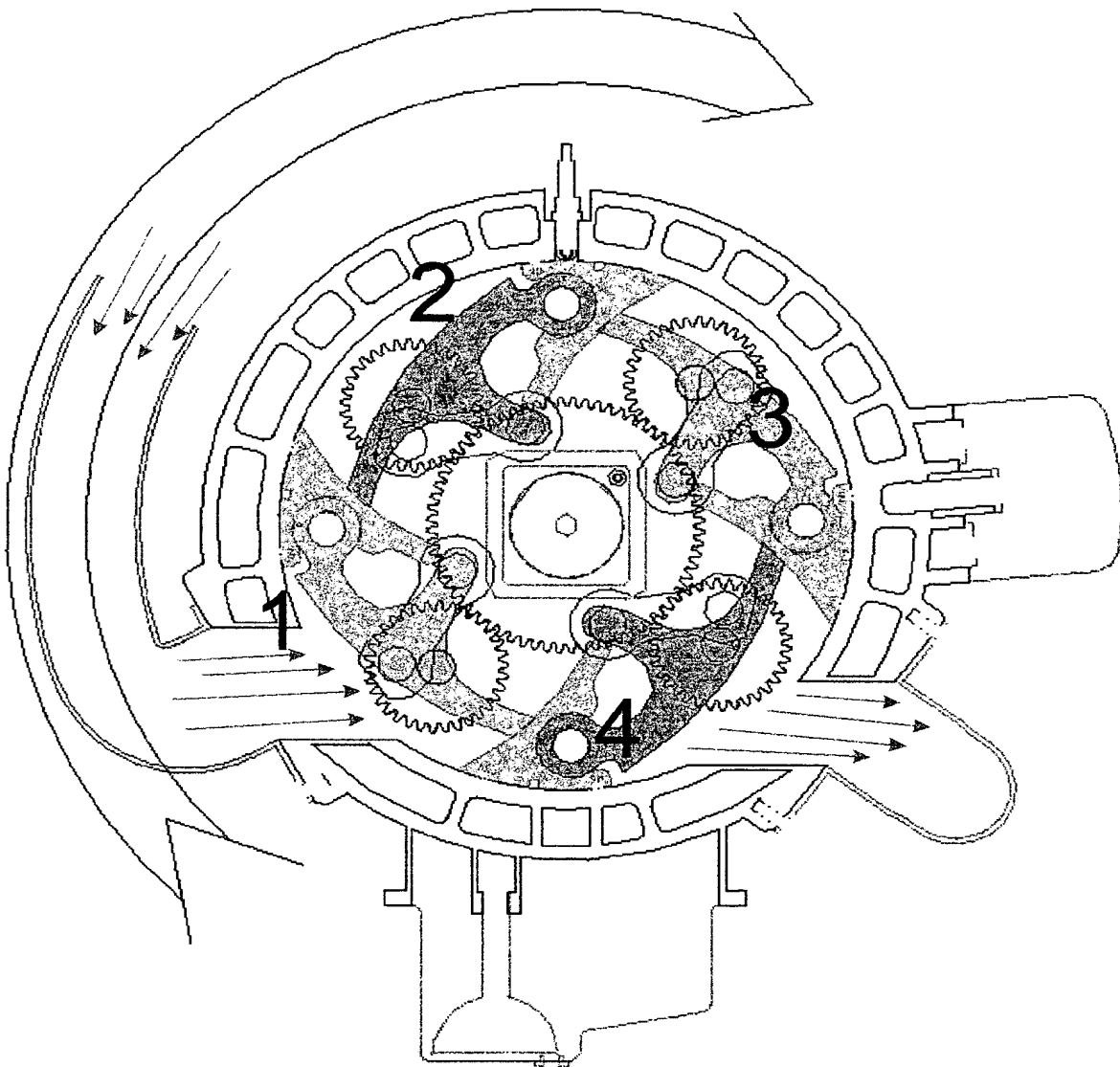


30 DEGREE ROTATION OF MAIN SHAFT

FIG. 67

60/76

PISTON NO. 1 IS IN INTAKE STROKE.
PISTON NO. 2 IS IN COMPRESSION STROKE.
PISTON NO. 3 IS IN COMBUSTION STROKE.
PISTON NO. 4 IS IN EXHAUST GAS STROKE.

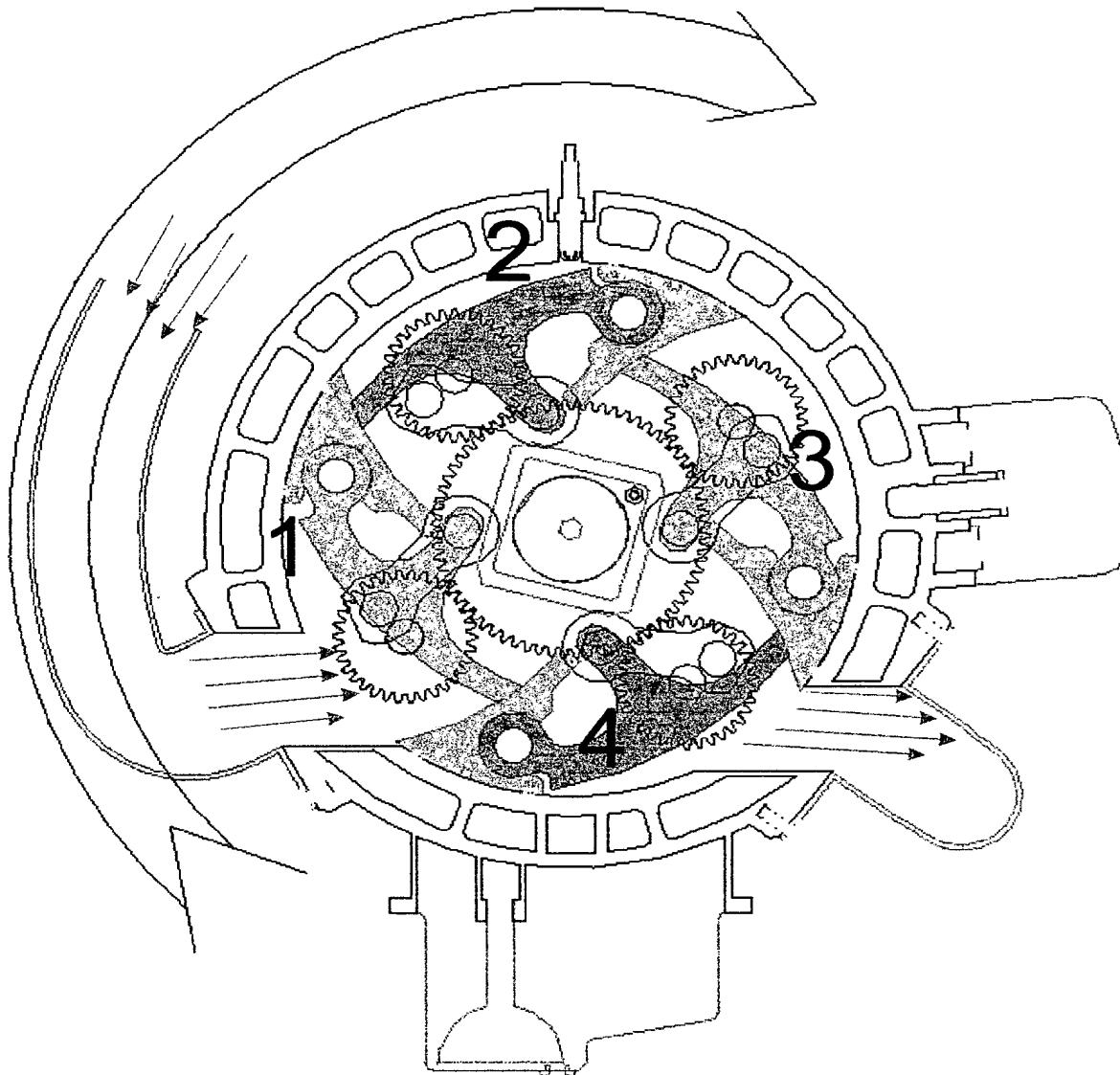


45 DEGREE ROTATION OF MAIN SHAFT

FIG. 68

61/76

PISTON NO. 1 IS IN INTAKE STROKE.
PISTON NO. 2 IS IN COMPRESSION STROKE.
PISTON NO. 3 IS IN COMBUSTION STROKE .
PISTON NO. 4 IS IN EXHAUST GAS STROKE .

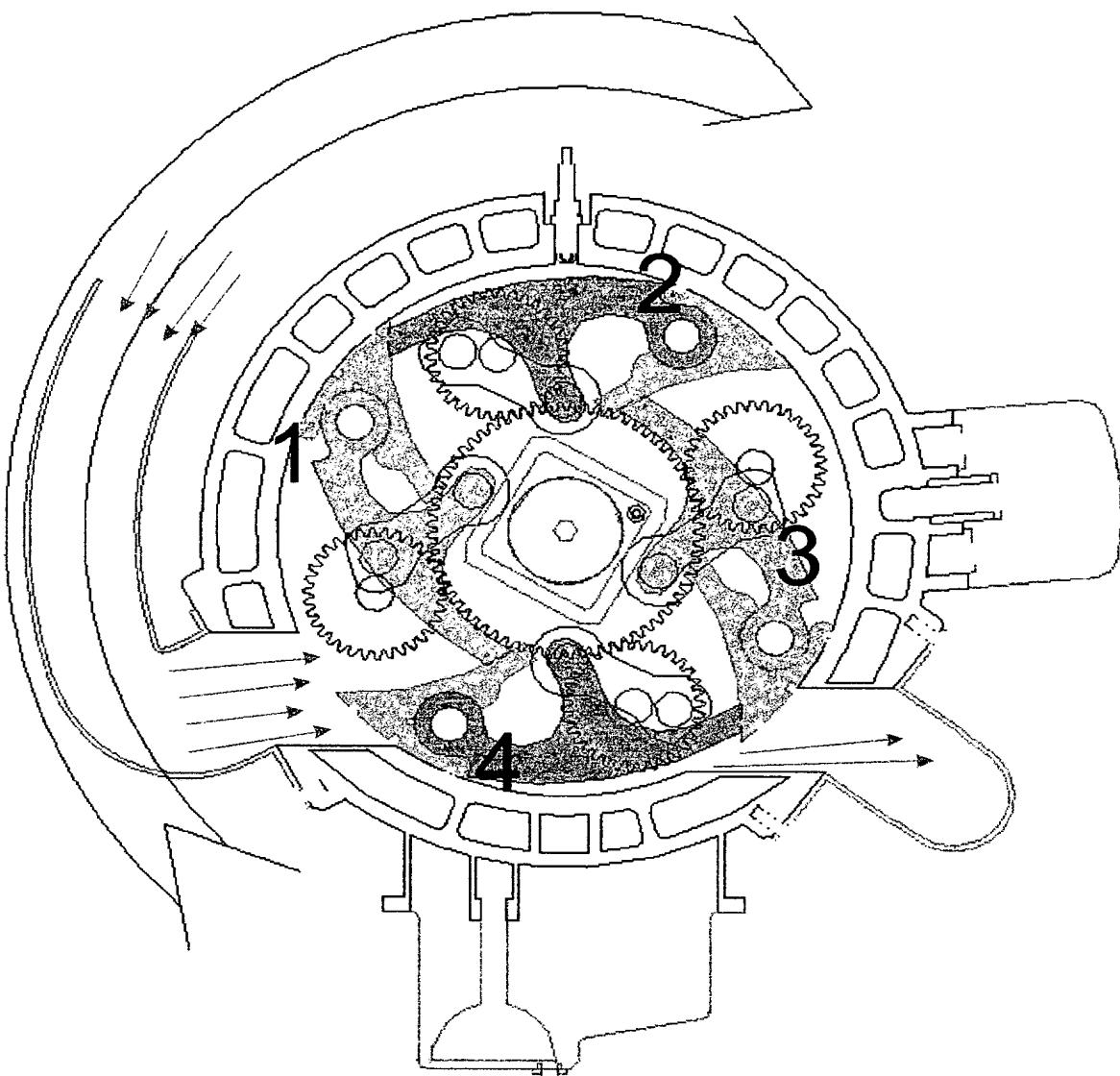


60 DEGREE ROTATION OF MAIN SHAFT

FIG. 69

62/76

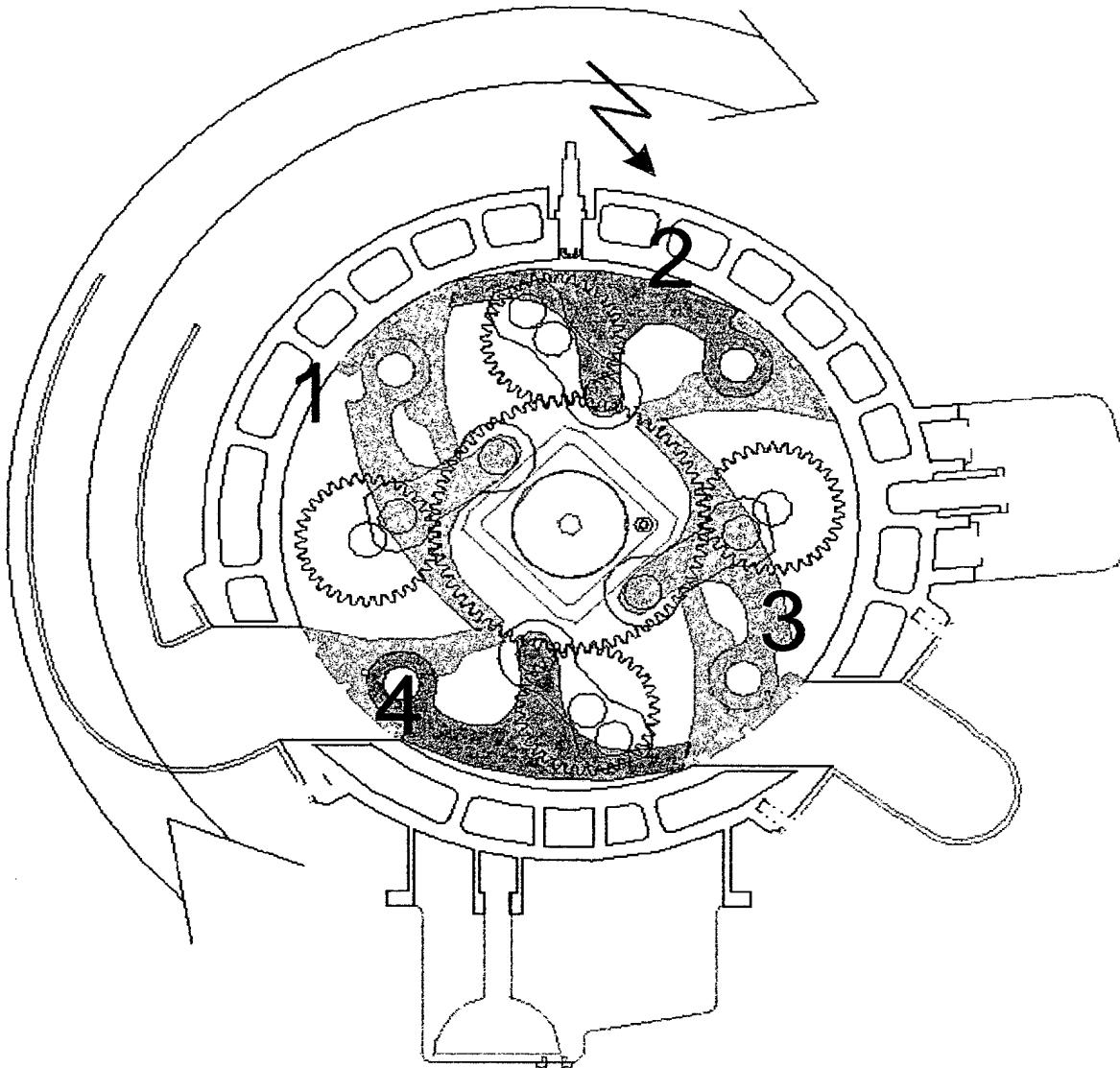
PISTON NO. 1 IS IN INTAKE STROKE.
PISTON NO. 2 IS IN COMPRESSION STROKE.
PISTON NO. 3 IS IN COMBUSTION STROKE.
PISTON NO. 4 IS IN EXHAUST GAS STROKE.



75 DEGREE OF ROTATION OF MAIN SHAFT

FIG. 70

PISTON NO. 1 IS AT THE START OF COMPRESSION STROKE.
PISTON NO. 2 IS AT THE START OF COMBUSTION STROKE.
PISTON NO. 3 IS AT THE START OF EXHAUST GAS STROKE.
PISTON NO. 4 IS AT THE START OF INTAKE STROKE.

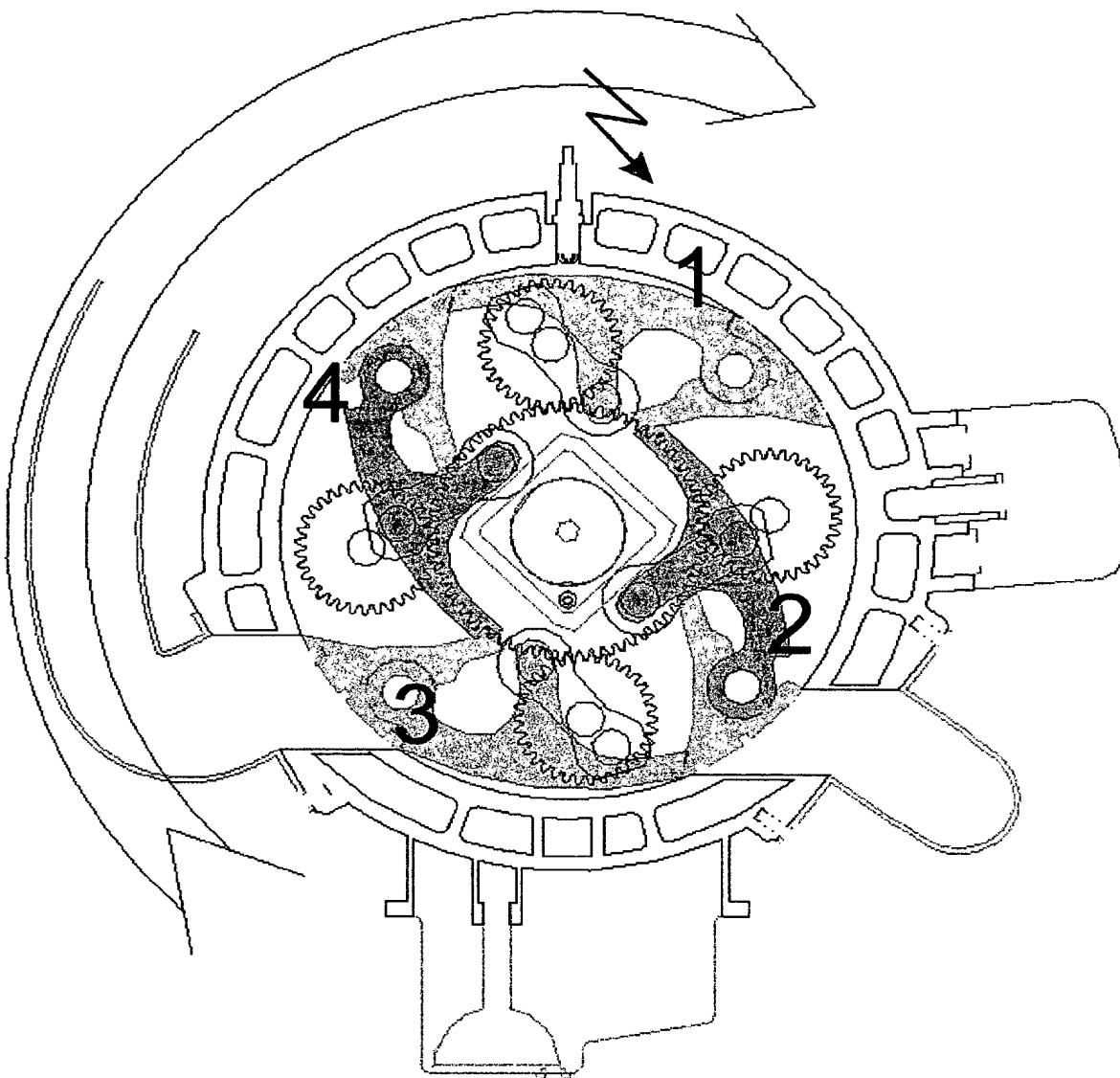


90 DEGREE ROTATION OF MAIN SHAFT

FIG. 71

64/76

PISTON NO. 1 IS AT THE START OF COMBUSTION STROKE.
PISTON NO. 2 IS AT THE START OF EXHAUST GAS STROKE.
PISTON NO. 3 IS AT THE START OF INTAKE STROKE.
PISTON NO. 4 IS AT THE START OF COMPRESSION STROKE.

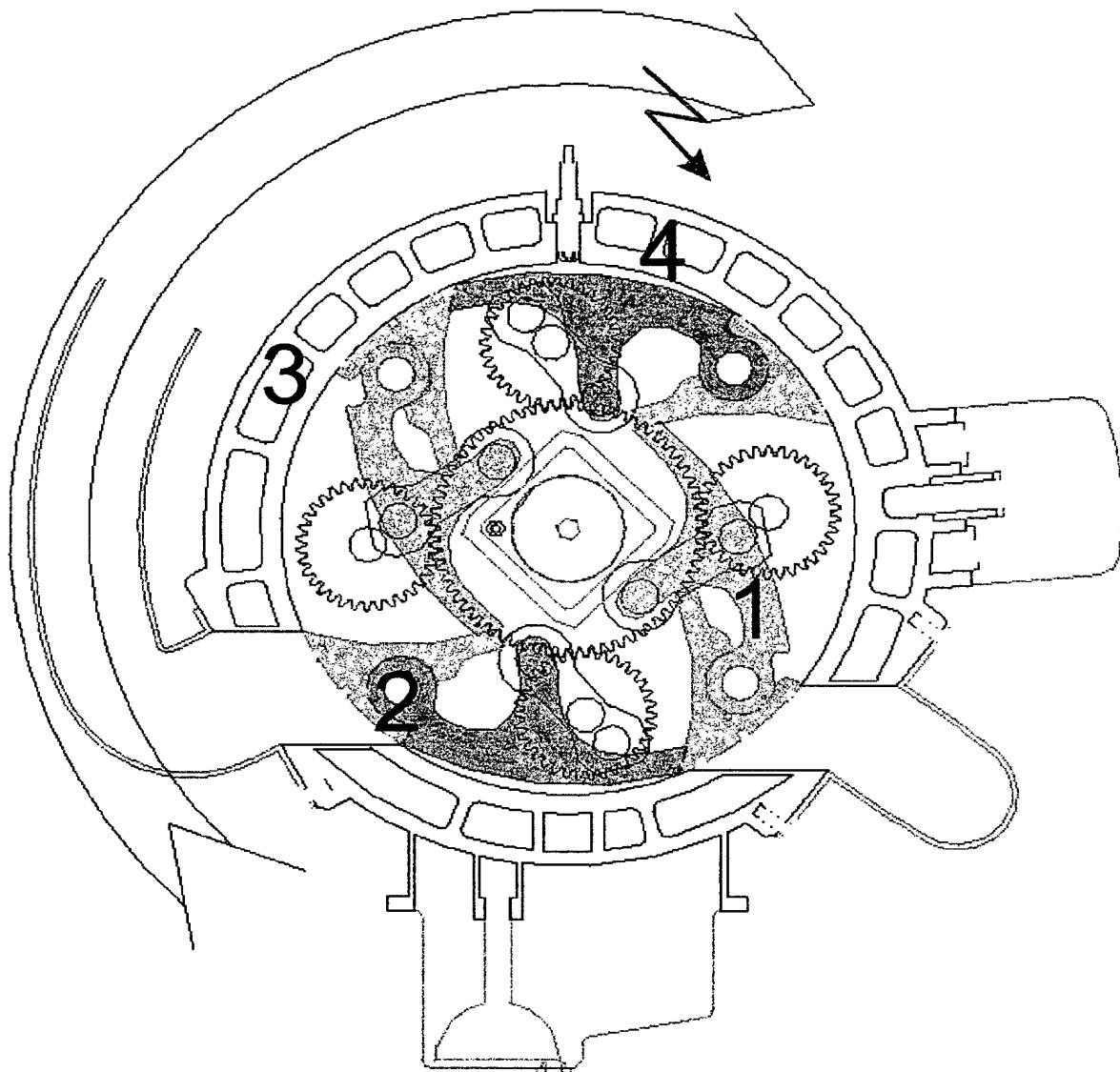


180 DEGREE ROTATION OF MAIN SHAFT

FIG. 72

65/76

PISTON NO. 1 IS AT THE START OF EXHAUST GAS STROKE.
PISTON NO. 2 IS AT THE START OF INTAKE STROKE.
PISTON NO. 3 IS AT THE START OF COMPRESSION STROKE.
PISTON NO. 4 IS AT THE START OF COMBUSTION STROKE.



270 DEGREE ROTATION OF MAIN SHAFT

FIG. 73

66/76

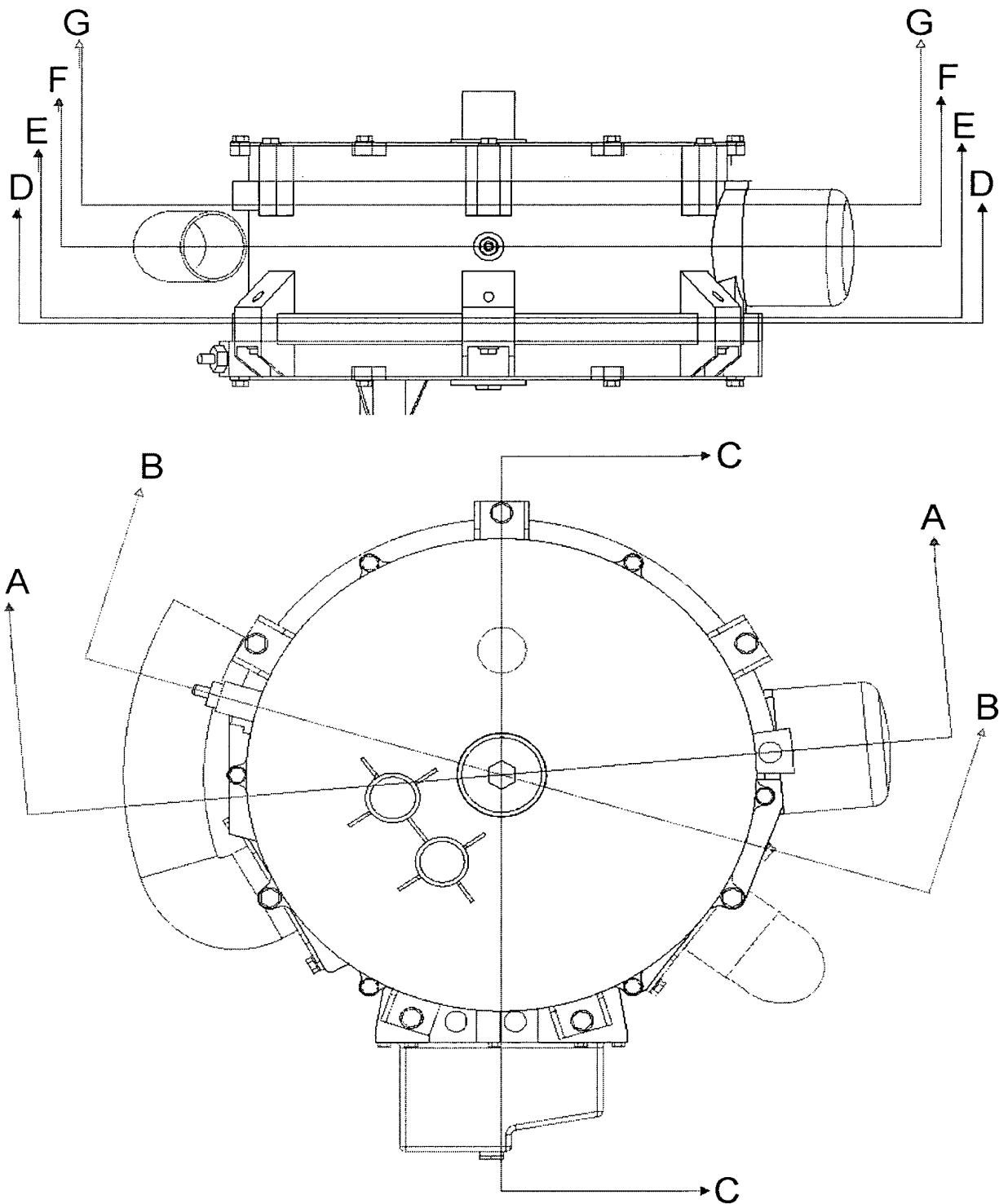


FIG. 74 -FRONT AND TOP VIEW OF ENGINE

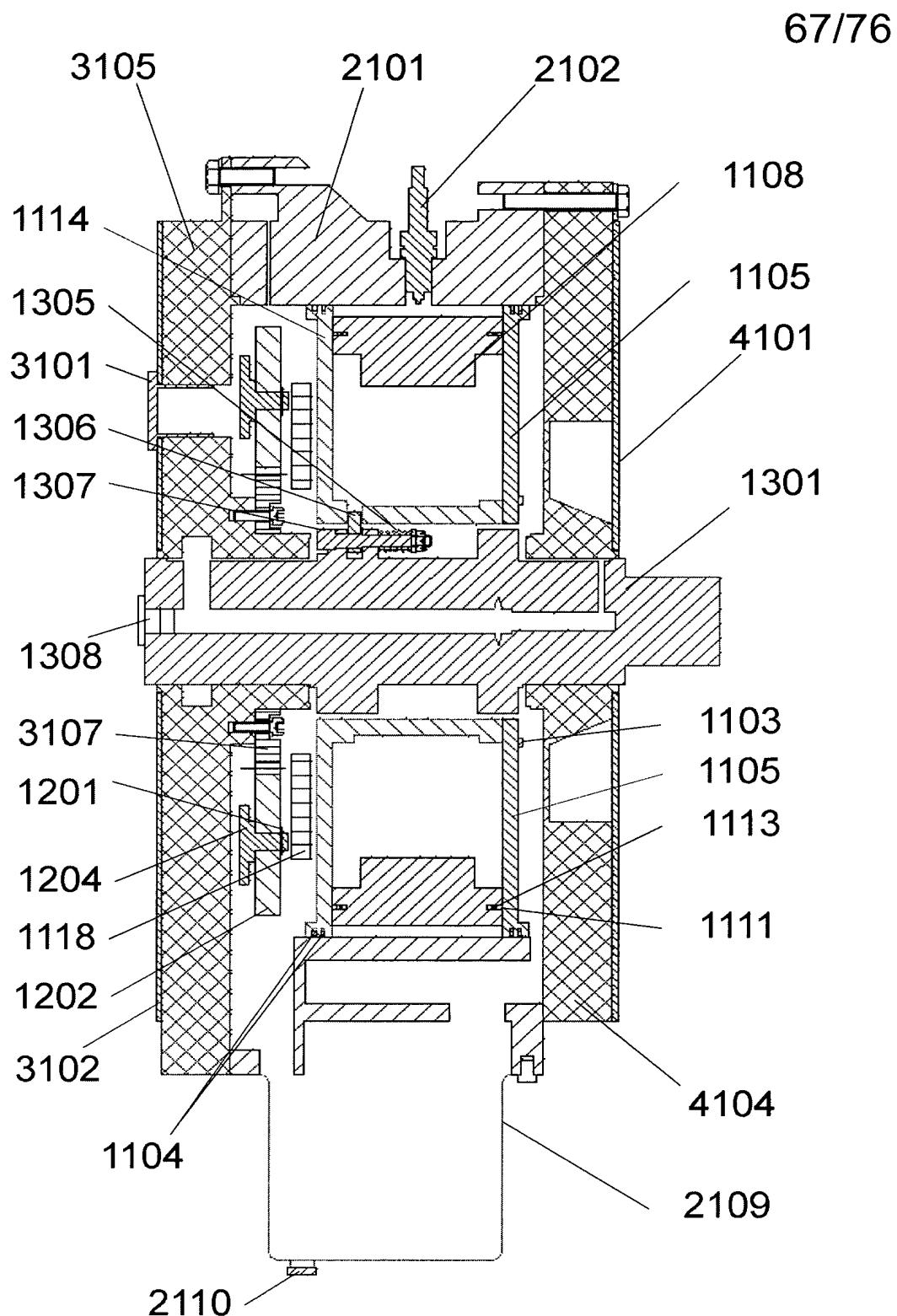


FIG. 75 - SECTION C-C

68/76

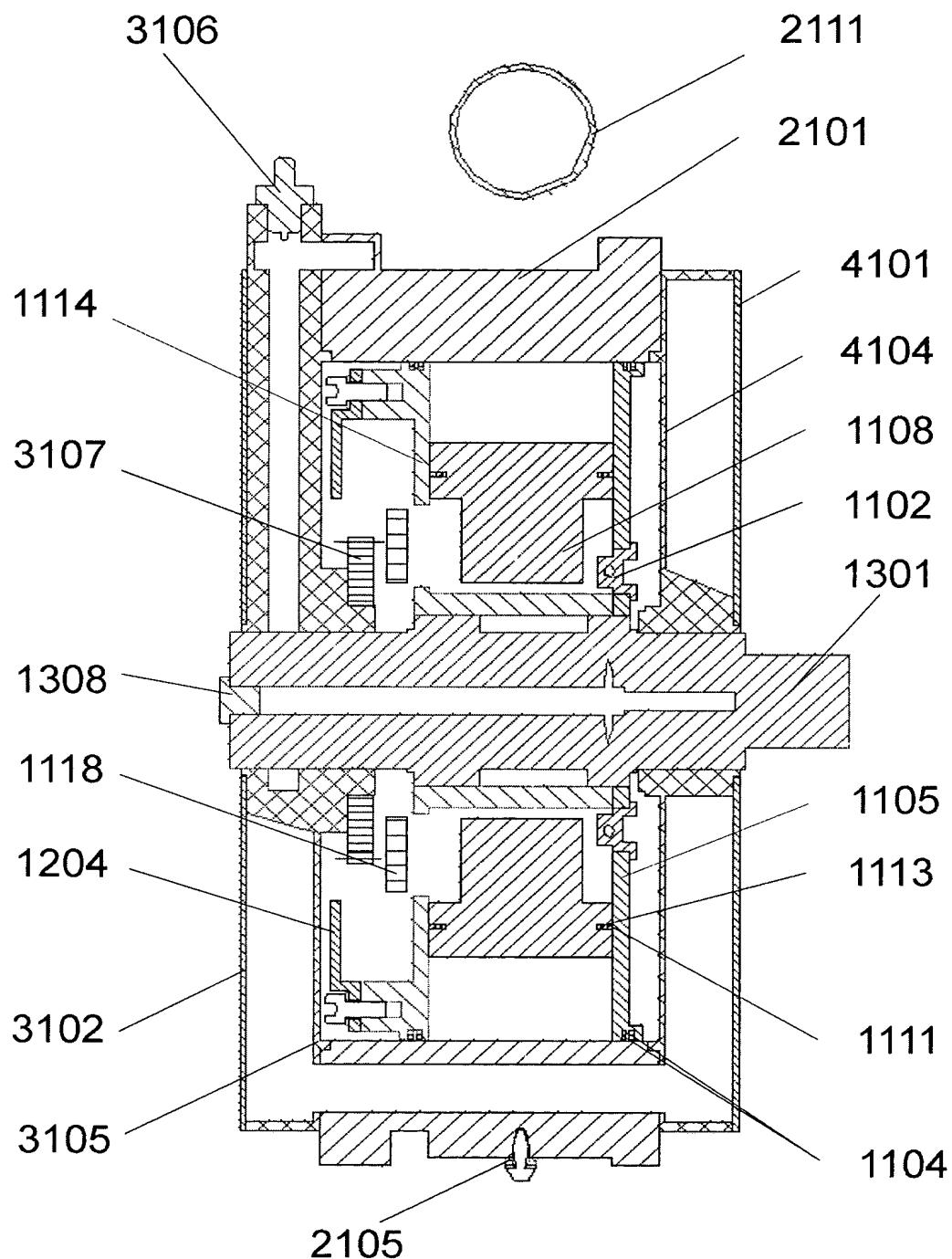


FIG. 76 - SECTION B-B

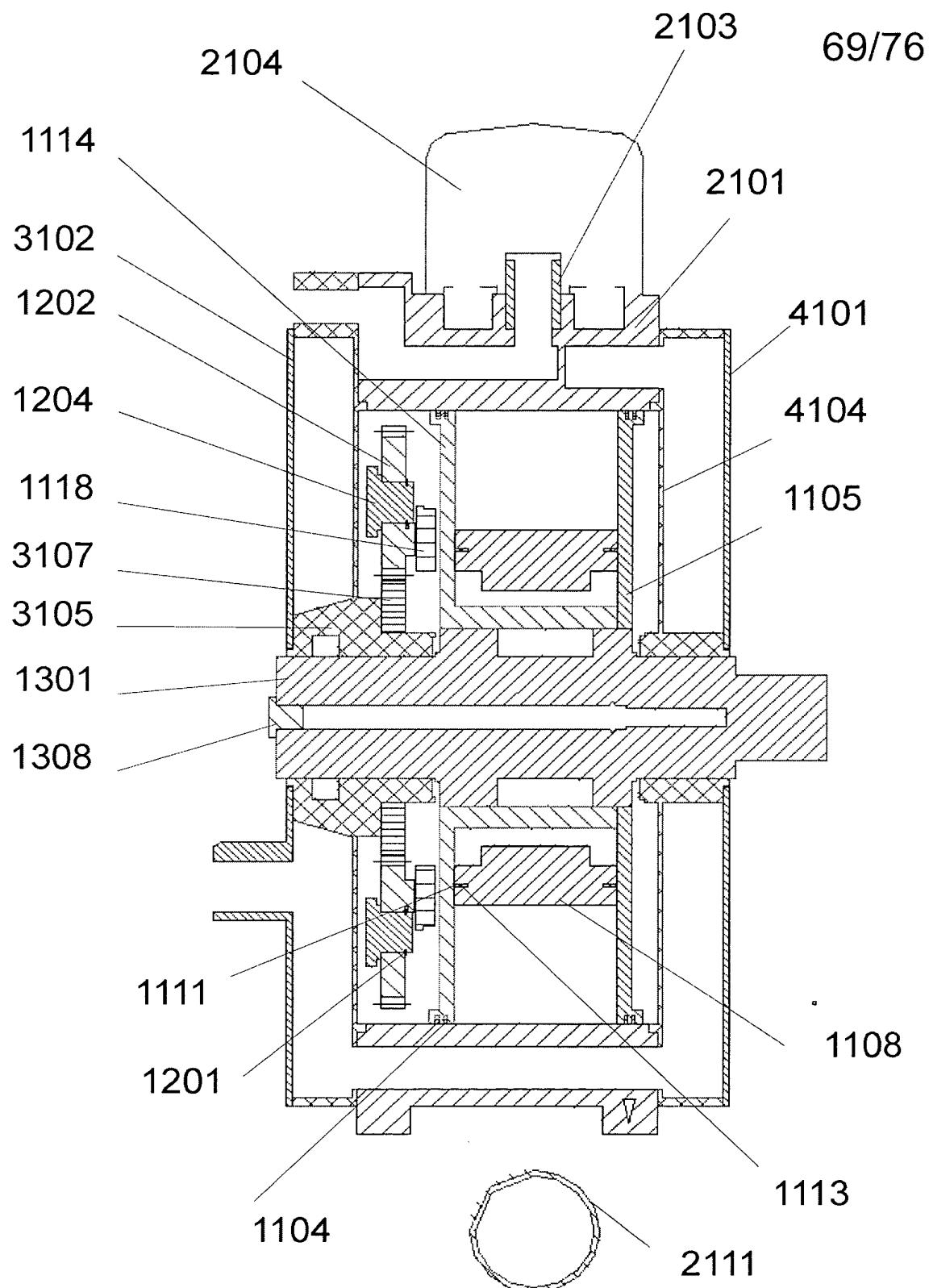


FIG. 77 - SECTION A-A

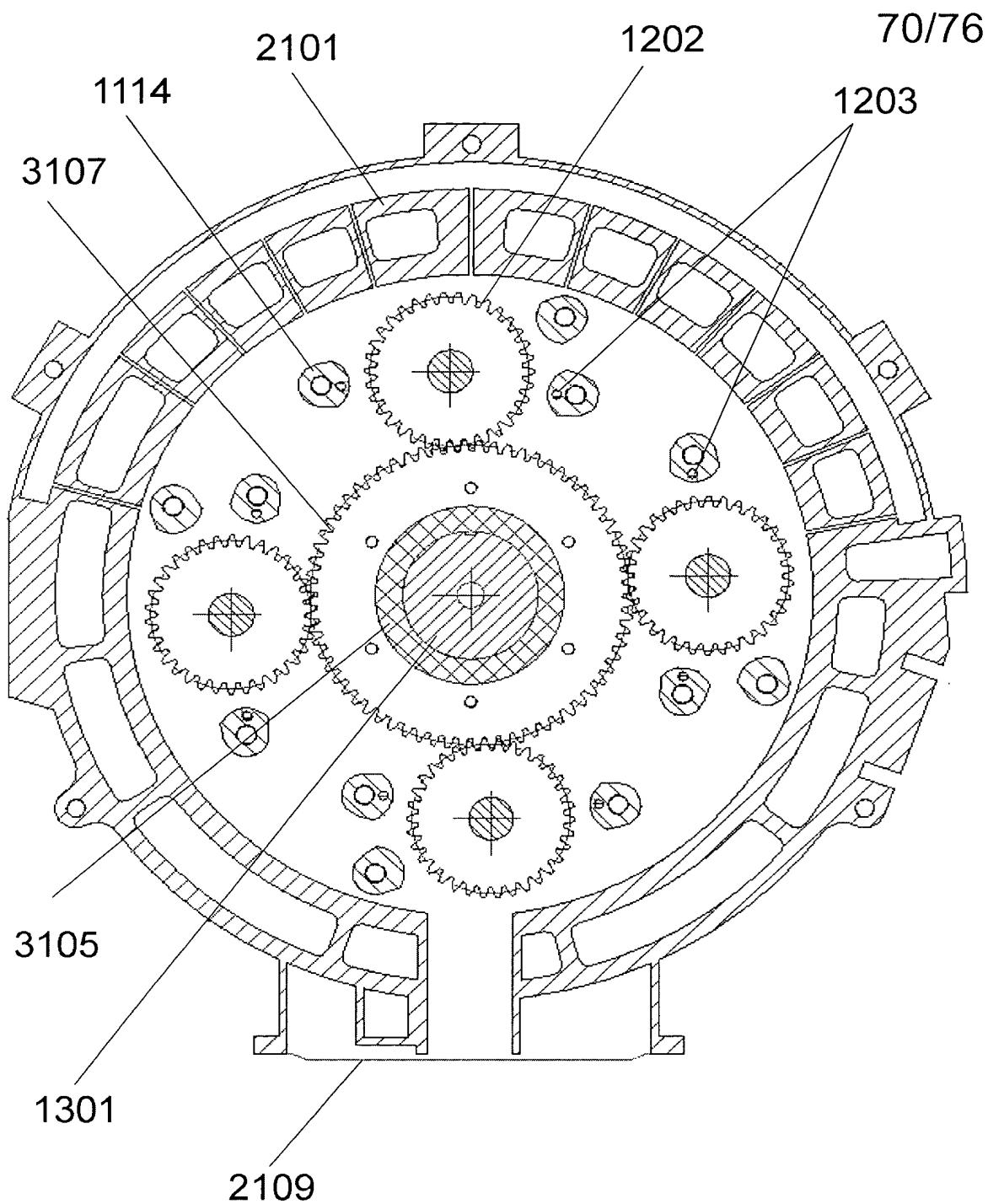


FIG. 78 - SECTION D-D

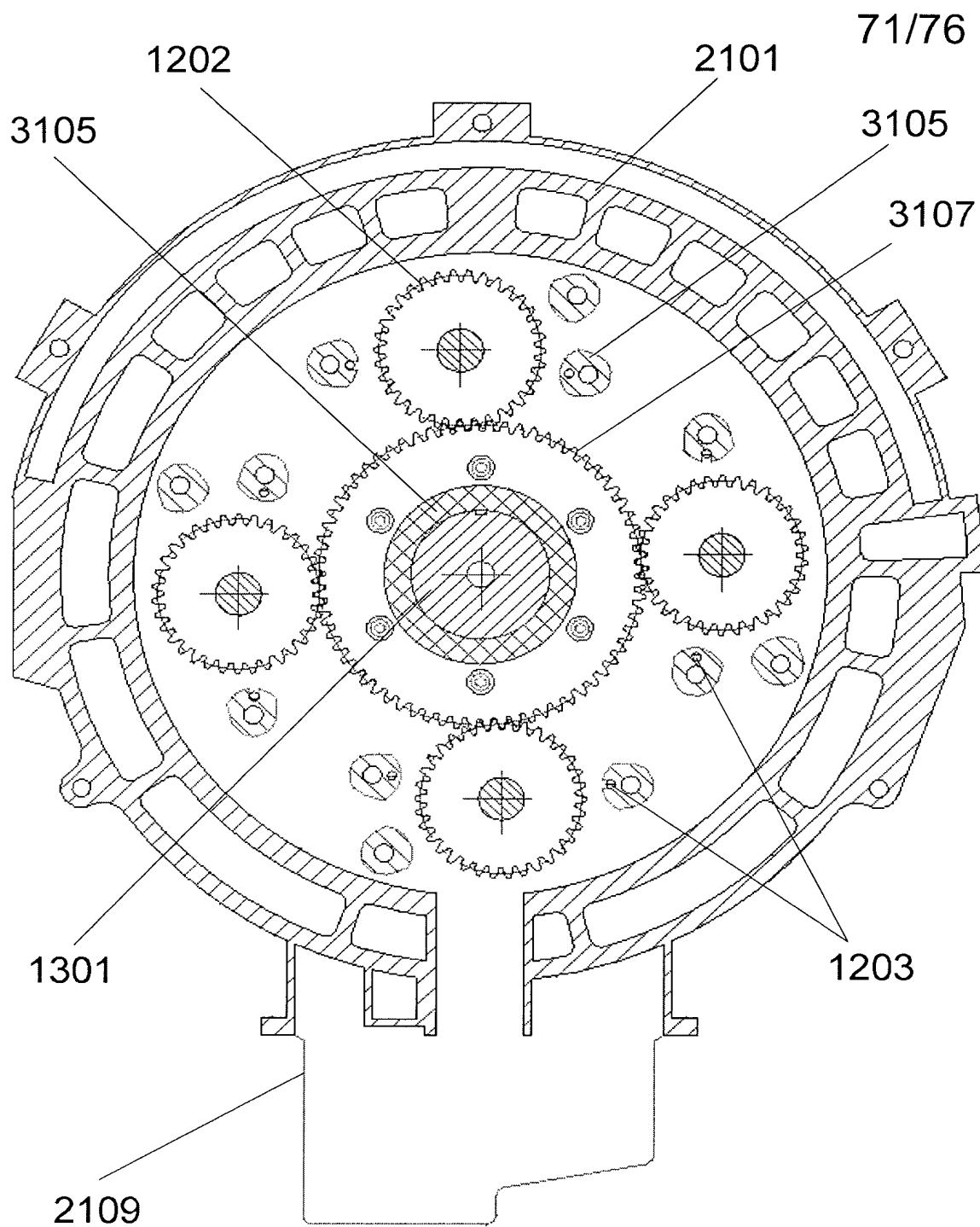


FIG. 79 - SECTION E-E

72/76

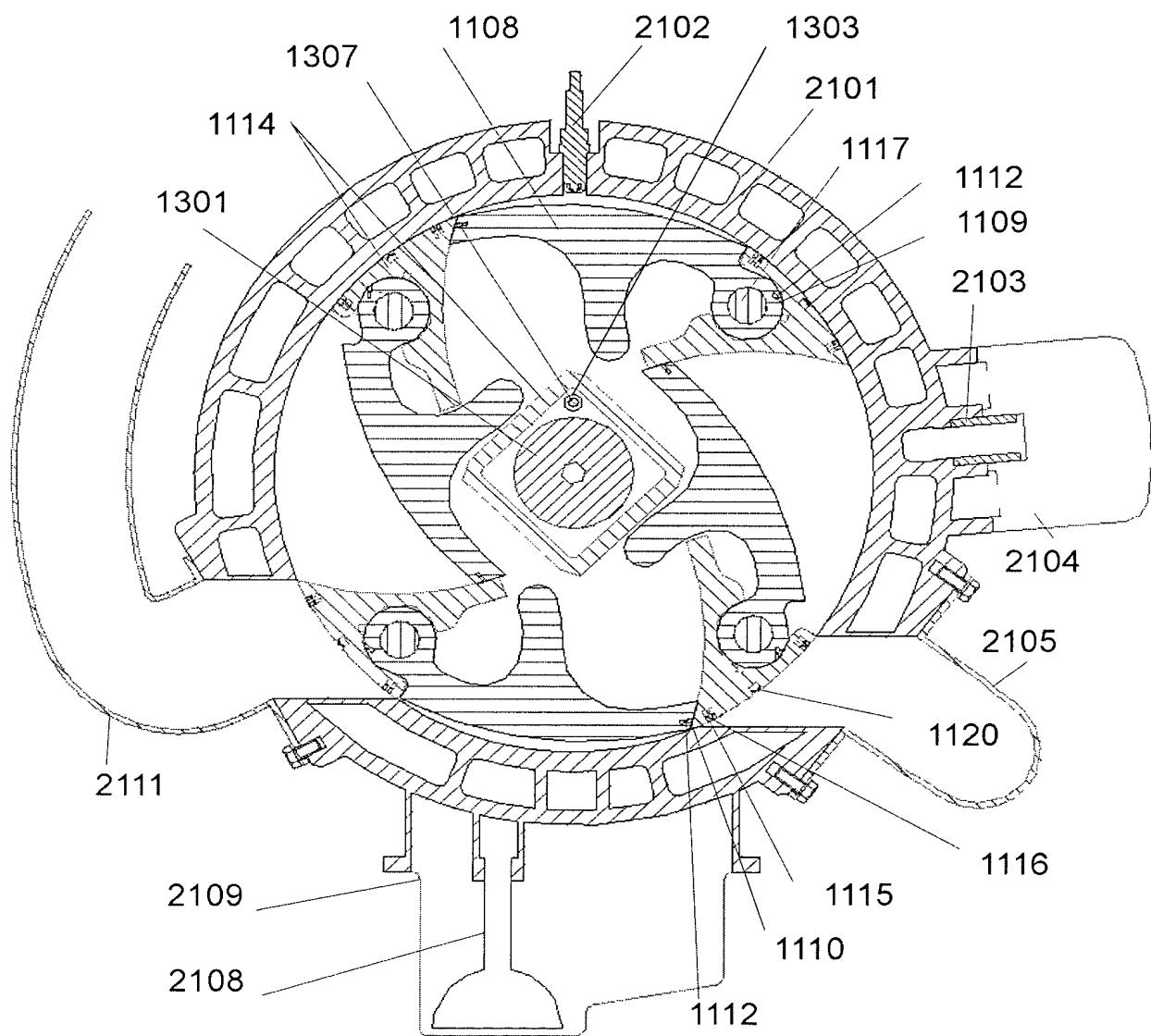


FIG. 80 - SECTION F-F

73/76

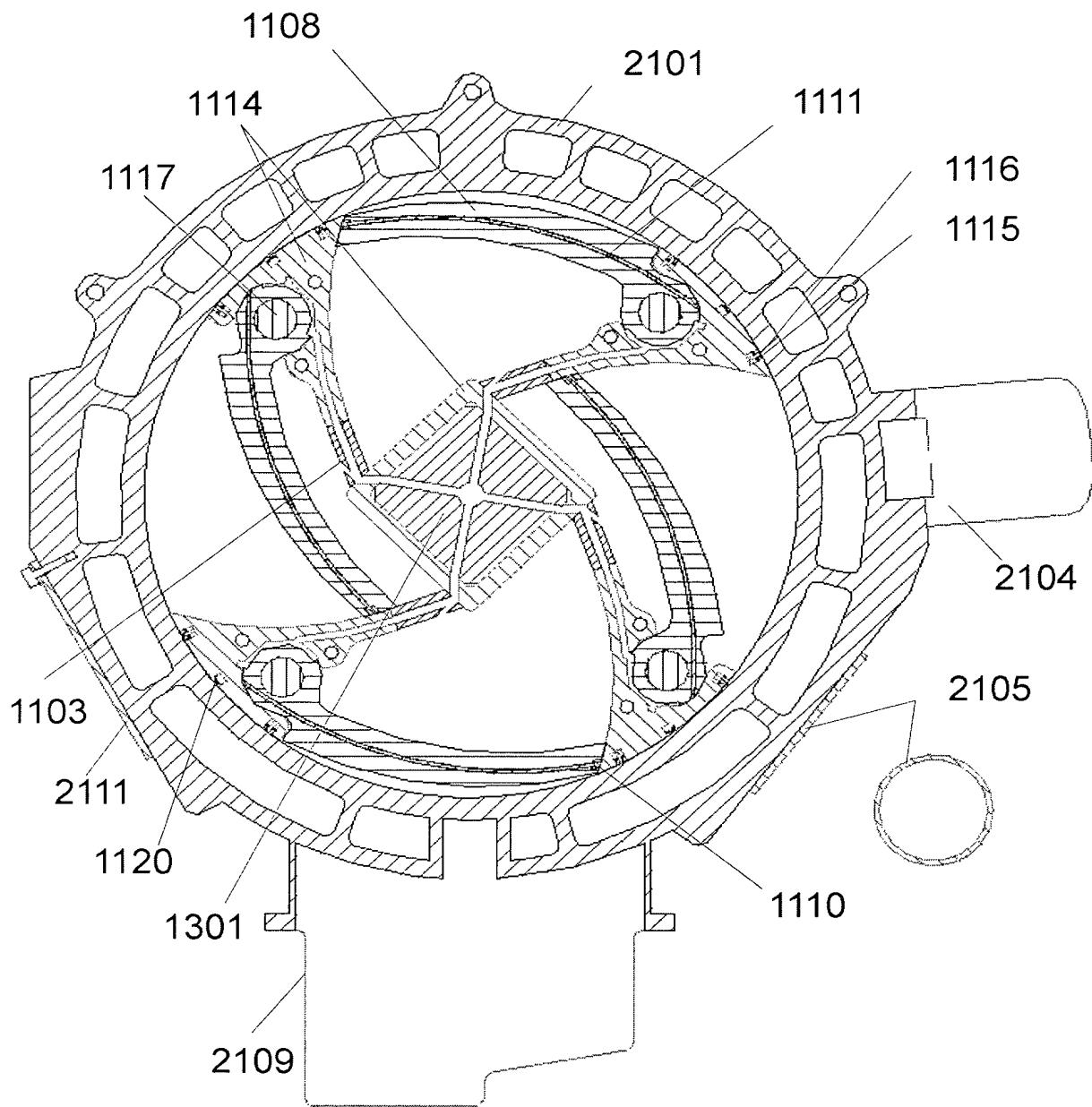


FIG. 81 - SECTION F-F

74/76

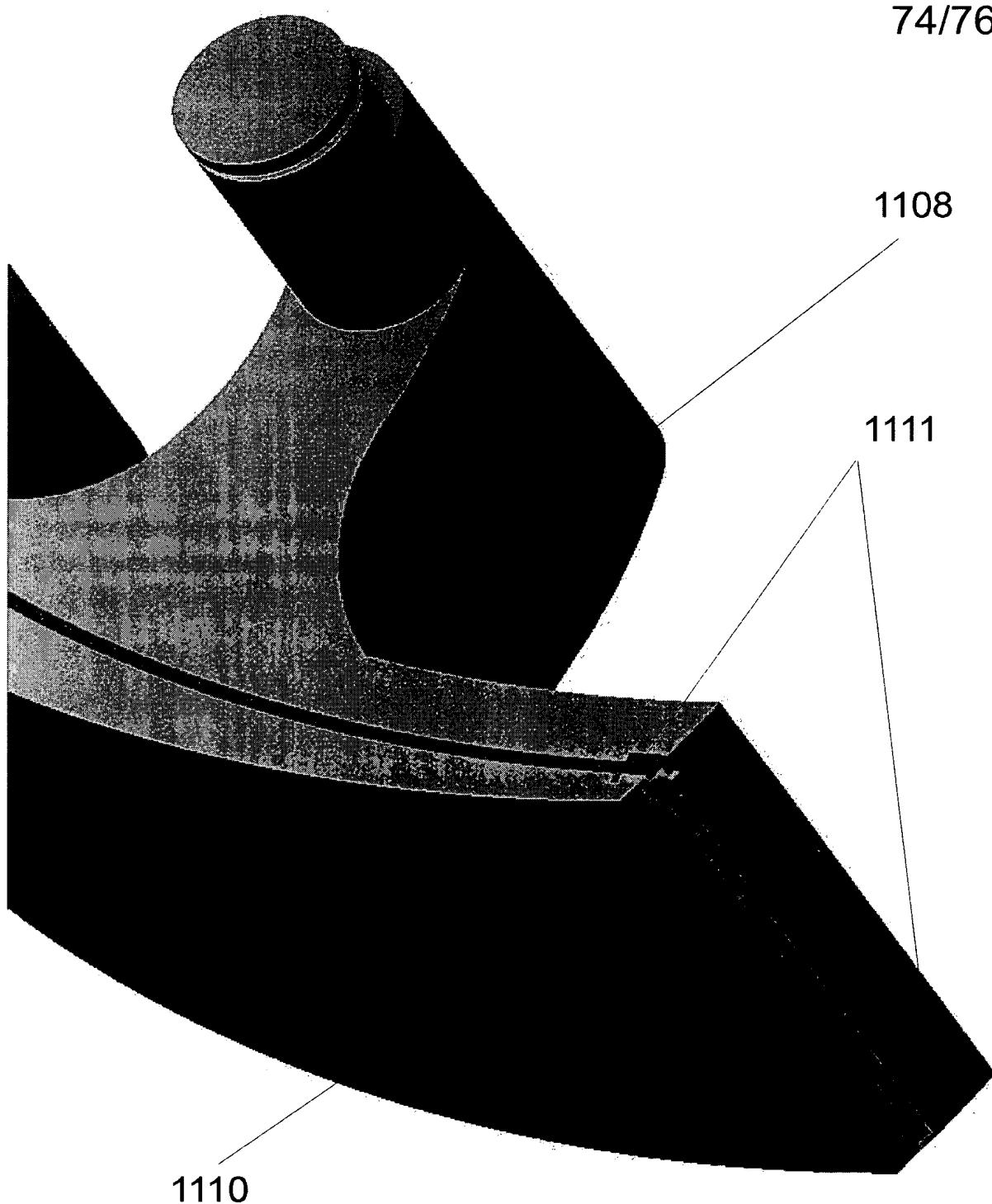
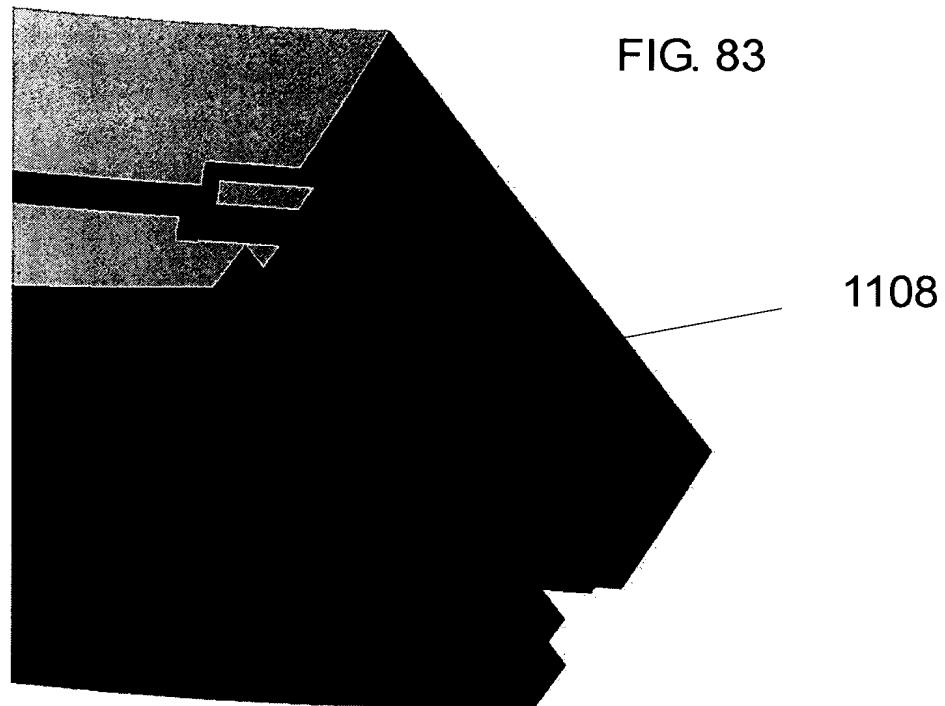


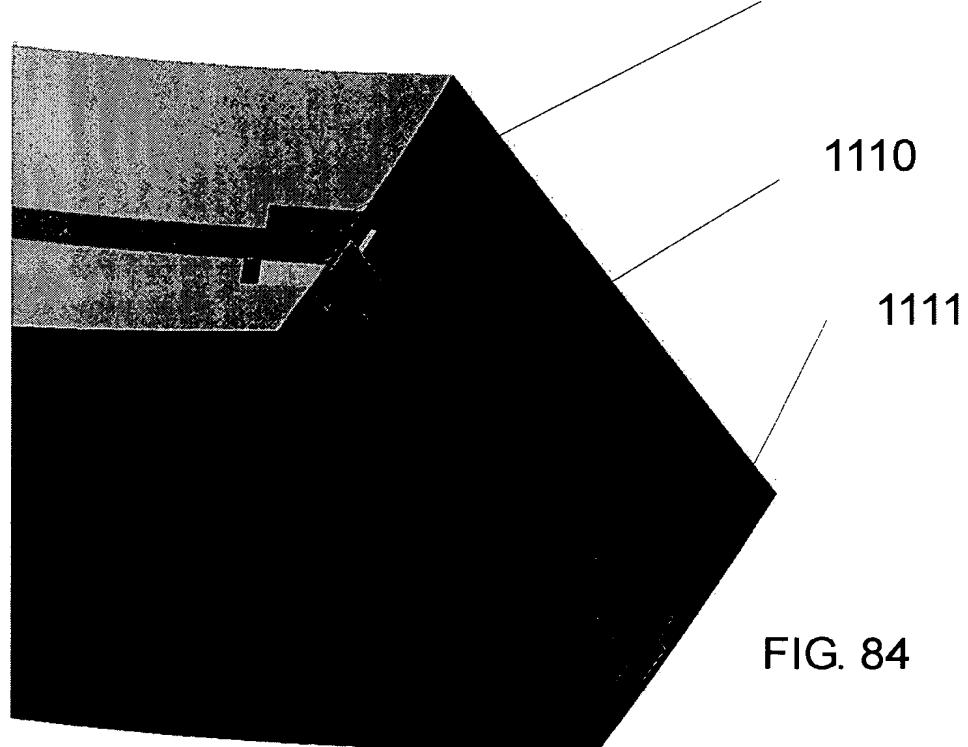
FIG. 82

75/76

FIG. 83



1111



76/76

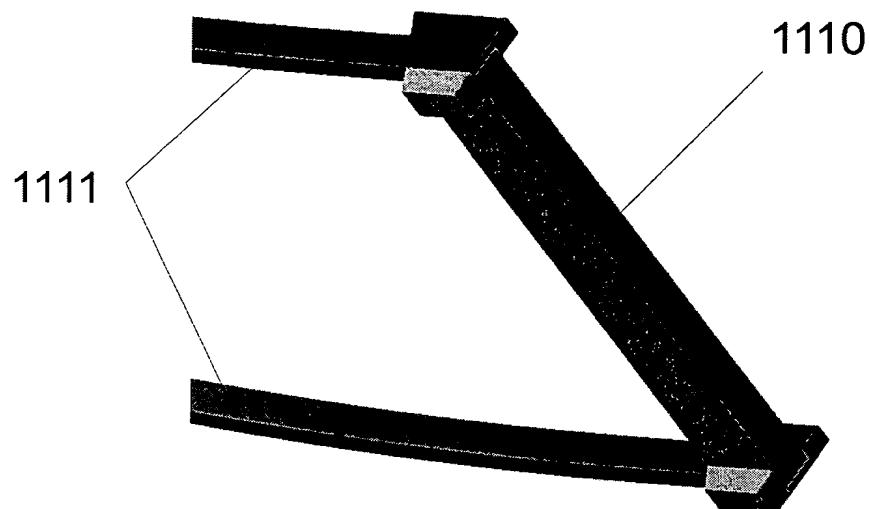


FIG. 85



FIG. 86

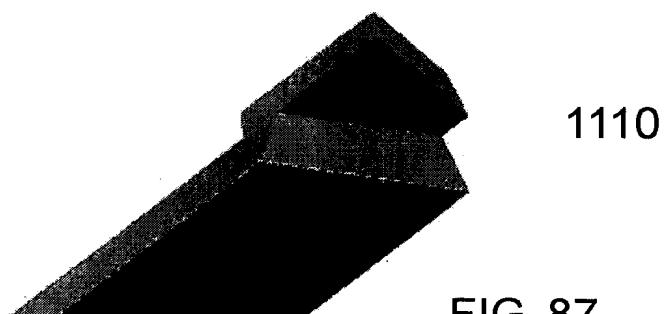


FIG. 87